

David W. Rochford

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ACTAR Accredited # 2321

Member:

International Network of Collision Reconstruction  
Washington Association of Technical Accident Investigators  
National Association of Professional Accident Reconstruction  
Texas Association of Accident Reconstruction Specialists  
Society of Automotive Engineers

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## **OVERVIEW**

### **EDUCATION**

**High School Diploma:** Orange High School, Orange, California. 1969

**Associate In Arts Degree:** Major: Police Science. Fullerton Community College, Fullerton, California. 1972

**Bachelor of Science Degree:** Major: Criminal Justice. Wayland Baptist University. 1994

### **CERTIFIED POLICE INSTRUCTOR**

Alaska Police Standards and Training Council  
Traffic Law Enforcement  
DWI Enforcement \*  
Accident Investigation  
Intoximeter 3000 Breath Test Instrument  
Radar Operation. Moving (including “same direction” radar.)\*  
Laser Speed detection \*  
Drug Influence and Identification  
Driving Under the Influence of Drugs \*  
DataMaster cdm breath test instrument

\* NHTSA course

### **EMPLOYMENT**

**Anaheim Police Department**  
1971 to 1981

**Anchorage Police Department**  
1981 to 2002

**Rochford Investigative Services**  
2002 to 2004  
Collision Investigation and Reconstruction

## **Inland Northwest Traffic Accident Investigation, LLC**

Collision Investigation and Reconstruction Consulting  
Collision Investigation and Reconstruction Training  
Radar and Laser Operator Course  
P.O.S.T. Certified courses in the State of Idaho  
A.P.S.C. Certified courses in the State of Alaska  
August 2004 to present

## **POLICE ACADEMY TRAINING**

North Orange County Police Training Academy. Anaheim, California.  
440 hours. February - May, 1972

Anchorage Police Department Training Academy, Anchorage, Alaska.  
440 hours. February - May, 1982

## **PROFESSIONAL ASSOCIATIONS**

International Network of Collision Reconstruction (INCR)  
National Association of Professional Accident Reconstruction  
Specialist (NAPARS)  
Washington Association of Technical Accident Investigators (WATAI)  
Society of Automotive Engineers (SAE)  
Texas Association of Accident Reconstruction Specialists (TAARS)

## **COLLISION INVESTIGATION TRAINING**

### **“AT SCENE” COLLISION INVESTIGATION TRAINING**

#### **Traffic Accident Investigation**

24 hours. 1972  
Sgt. W. Judd, Anaheim Police Department  
Accredited through Fullerton Community College

#### **Traffic Accident Investigation**

24 hours. 1982  
Sgt. Robert Andrews, Anchorage Police Department  
Accredited through University of Alaska, Anchorage

## **“TECHNICAL” COLLISION INVESTIGATION TRAINING**

### **Progressive Accident Investigation**

40 hours. 1990

Sgt. Keith Pherrin, Alaska State Troopers

### **Technical Traffic Accident Investigation**

80 hours. 1992, Anchorage, AK.

The Traffic Institute

Analysis of data from collision scenes.

## **COLLISION RECONSTRUCTION TRAINING**

### **Vehicle Dynamics**

40 hours. 1992 Anchorage, AK.

The Traffic Institute

Mathematical formulas to determine time-distance, acceleration rates, point of perception.

### **Traffic Accident Reconstruction I**

80 hours. 1992, Anchorage, AK.

The Traffic Institute

### **Traffic Accident Reconstruction II**

40 hours. 1992, Anchorage, AK.

The Traffic Institute

Study and training in the techniques of traffic accident reconstruction.

Newton's Laws of motion, conservation of energy and momentum, occupant motion and PDOF

Topics included reconstruction of collisions involving:

Autos, pedestrians, bicycles, motorcycles, commercial vehicles.

### **EDVAP**

104 hours. Sept. - Oct. 1997, Evanston, Ill.

The Traffic Institute

Computerized collision reconstruction including: **EDCRASH, EDCAD, AND EDSMAC**

Instructors: Ken Baker and Mike Ditallo of the Traffic Institute staff.

Terry Day, President of Engineering Dynamics.

**Collision Reconstruction Training, continued....**

**Pedestrian/Bicycle Accident Reconstruction**

Texas Engineering Extension, Texas A & M University

40 hours. 1993

Jerry Eubanks, lead instructor.

Rusty Haight, assistant instructor

**Inspection and Investigation of Accidents Involving Commercial Vehicles**

40 hours. 1995

University of North Florida, (IPTM).

**Motorcycle Accident Reconstruction**

40 hours. May, 1996

Texas Engineering Extension, Texas A and M University

James Lock, Lead Instructor

**Heavy Vehicle Collision Reconstruction**

Traffic Institute, Northwestern University, Anchorage, AK

40 hours, October 9 – 13, 2000

Reconstruction techniques for collisions involving commercial motor vehicles, over 10000 pounds.

**Forensic Mapping Specialist**

40 hours. 1996

Anchorage Police Department

Training in the operation of the Sokkia Set 5 Total Station Mapping System.

Officer Fred Jones, Instructor

**S.A.T.A.I. Training Conference**

(Southwestern Association of Technical Accident Investigators)

16 hours. March 8<sup>th</sup> and 9<sup>th</sup>, 2002, Las Vegas, NV.

4 hours "Human Factors". Driver interaction with environment. Gary Bakken, Ph.D., CPE. Analytical Systems International, Inc.

4 hours "Expert Testimony", Paul Olson, IPTM.

4 hours "Commercial Vehicle Braking and Brake Test Data", Timothy J. Reust, Accident Science, Valencia, CA

4 hours "Speed of Vehicle While in Translational Yaw", Tom Shelton, CHP MAIT (retired).

**Collision Reconstruction Training, continued....**

**W.A.T.A.I. Training Conference**

(Washington Association of Technical Accident Investigators)

October 8<sup>th</sup> – 10<sup>th</sup>, 2002

Tacoma, WA

24 hours. Pedestrian Accident Investigation

25 crash tests with two automobiles v. dummy. Analysis of data to verify accuracy of mathematical formulas used to establish speed in auto v. pedestrian crashes.

Instructors:

Jerry J. Eubanks. Automobile Collision Cause Analysis, Inc.

Thomas F. Fugger, Jr. Accident Research and Biomechanics, Inc.

**W.A.T.A.I. Training Conference**

May 22, 2003

Bellevue, Washington

4 hours of Mathematics review, collision reconstruction formulas.

Courtroom presentation. Review of “other” expert’s report.

Instructor Paul Olson of IPTM.

1 hours of computer animation and collision reconstruction software by Visual Statement Inc., Kamloops, B.C., Canada.

2 hours Photogrammetry and digital photography by Lee DeChant, DeChant Consulting Services.

**W.A.T.A.I. Training Conference**

October 28 and 29, 2004

Tacoma, WA

Altered Vehicles; Daniel Filiatral, ICBC instructor

Mathematical Formulas; Yaw, skids, fall, vault. Rob Obenauf of the Washington County (Oregon) Sheriff’s Office, Instructor

Identification of Roadway Tire Marks, Kari Arguello, Washington County Sheriff’s Office, Instructor

Conservation of Energy, Conservation of Momentum, PDOF, and Delta V. John Hunter of Investigative Training Services (Retired WSP MAIT Sgt.)

**Collision Reconstruction Training, continued....**

**W.A.T.A.I. TRAINING CONFERENCE**

October 10 and 11, 2005, Seattle, WA.

Presentation by the Collision Safety Institute

Rusty Haight, lead instructor

4 crash tests. 2 auto v. bus, 1 auto v. auto, 1 rear end auto v. auto with secondary collision into a bus

**Operation of Event Data Recorders**

Presentation by NHTSA and NASS on measuring crush damage and occupant restraint systems.

**CRUSH ENERGY ANALYSIS**

May 1<sup>st</sup> through 5<sup>th</sup>, 2006

Accident Analysis and Reconstruction Inc., Greg Russell

40 hours, Determining  $\Delta V$  and impact speed from the analysis of crush damage. Edmonds, WA

**Applied Physics For Accident Reconstruction**

WATAI Training Conference 8 hours

May 9<sup>th</sup>, 2007

Instructor: Bruno Schmidt, PhD Physics, Professor of Physics, ACTAR

**Advanced Motorcycle Crash Reconstruction**

May 12<sup>th</sup> through May 16<sup>th</sup>, 2008

Mechanical Forensics Engineering Services, LLC

40 hours. Advanced techniques for investigation and reconstruction of collisions which involve motorcycles.

Wade Bartlett, P.E., Instructor.

**W.A.T.A.I. TRAINING CONFERENCE**

May 14<sup>th</sup>, 2010

Providing Expert Testimony

Deposition and trial testimony

**Collision Reconstruction Training, continued....**

**Crash Date Retrieval Data Analyst**

February 6 – 10, 2012 40 hours

Henderson, NV

Collision Safety Institute

Instructor: Rusty Haight

Analysis of data which has been downloaded from automobile air bag control modules

**Crash Data Retrieval Technician Level I**

March 26, 2012 8 hours

Las Vegas, NV

Collision Safety Institute

Instructor: John Howell

**Crash Data Retrieval Technician Level II**

March 27, 2012 8 hours

Las Vegas, NV

Collision Safety Institute

Instructor: John Howell

**Advanced CrashZone Diagramming**

June 18 – 22, 2012

Spokane Community College

Spokane, WA

Instructor: Kim Thomas, Spokane Police Dept.

**WATAI Training Conference**

October 22-24 2013

Accident Analysis and Reconstruction Inc. Greg Russell – Instructor

Conservation of Momentum

Solving for PDOF

Law of Sine and Cosine

Triangular Relationships in a Collision

Closing speed and restitution

Solving for impact speed when there is a second impact

CDR data in crash reconstruction

**Collision Reconstruction Training, continued....**

**WATAI Training Conference**

May 28 -29, 2014

Day 1: Low Speed Impact Analysis and Testing

Instructor: Robert Stearns

Instructor: Dr. Rick Robertson, PhD

**Human Factors in Traffic Crash Reconstruction**

Institute of Police Technology and Management (IPTM)

40 hours

Daytona Beach, FL

June 13 – 17, 2016

Patrick Robins PhD, instructor

Eyewitness Reliability in Traffic Crashes

Perception and Response Time.

**Event Data Recorder Use in Traffic Crash Reconstruction – Level I**

Institute of Police Technology and Management (IPTM)

40 Hours

Scottsdale, AZ

March 27 -31, 2017

Rick Ruth and Tim Brown

Interpreting CDR Reports and Data

Airbag deployment

Restitution

Measuring Acceleration and Delta V, Crash Impulses and Vectors

Inline Delta V

Delta V to identify Impact Speed

Conservation of Momentum

**Hours of Service Regulations for Property Carrying CMV Drivers**

J.J. Keller Corp.

2 hours

December 29<sup>th</sup>, 2017

On Line

**Air Brakes – Master Driver**

J.J. Keller Corp.

2 hours

January 3, 2018

On Line

**Collision Reconstruction Training, continued....**

**Electronic Logging Devices**

J.J. Keller Inc.

1 hour

January 6<sup>th</sup>, 2018

On Line

**Commercial Truck – Emergency Maneuvers**

J.J. Keller Inc.

January 11, 2018

On Line

**Pre-Trip Inspection of Commercial Truck/Trailers**

J.J. Keller Inc.

January 13, 2018

On Line

**Cargo Securement – Dry Vans**

J.J. Keller Inc.

May 19, 2018

On Line

**Traffic Collision Technology**

May 31, 2018

Accident Reconstruction.com Webinar

Mapping technology

1 hour ACTAR accredited

**Commercial Motor Vehicle Driver Qualification**

J.J. Keller Webinar

June 5<sup>th</sup>, 2018 1 hour.

**Interstate or Intrastate?**

FMCSR's regarding Interstate v Intrastate Commerce

J.J. Keller Webinar

July 10<sup>th</sup>, 2018 1 hour

**Collision Reconstruction Training, continued....**

**Forensic Mapping**

ARC Network webcast

Troubleshooting Total Station setup issues

Mapping techniques One Hour

March 26<sup>th</sup>, 2019

**CDL Drug Testing**

JJ Keller Webcast

FMCSR drug testing procedures

1 Hour

March 26<sup>th</sup>, 2019

**Personal Use, Yard Moves and Unassigned Driving**

JJ Keller Webcast

1 Hour

April 30<sup>th</sup>, 2019

**Forensic Mapping**

ARC Network Webcast

One hour

May 7<sup>th</sup>, 2019

**Understanding FMCSA's Crash Preventability Program**

JJ Keller Webcast

1 Hour

August 6, 2019

**Air Brakes: Inspect and Maintain, Rather Than Hit and Miss**

JJ Keller Webcast

1 Hour

August 21, 2019

**Driver Training: Back to Basics**

JJ Keller Webcast

1 hour

August 23, 2019

**Collision Reconstruction Training, continued....**

**All Things CDL**

JJ Keller Webcast

1 hour

August 25, 2019

**NAPARS Joint Training Conference**

October 5<sup>th</sup> – 13<sup>th</sup>, 2020

October 5<sup>th</sup>. 2 hours motorcycle crash investigation

Wade Bartlett, Instructor

October 6<sup>th</sup>. 2 hours

Investigating and Reconstructing Rollover Crashes

John Daily, Jackson Hole Scientific

October 7<sup>th</sup>. 2 hours. Analyzing Go-Pro GPS Data for Skid Testing

Greg Russell, Accident Analysis and Reconstruction, Inc.

October 8<sup>th</sup>, 2 hours. Chip Level Data Recovery

Matt DiSogra, Delta V Forensic Engineering.

Recovering data from damaged ACM's

October 12<sup>th</sup>, 2 hours. Tires. Damage Causation

T.J. Tennent, Tennent and Associates

October 13<sup>th</sup>, 2 hours. Using Freightliner New Cascadia ECM Data in Crash Reconstruction.

Greg Wilcoxson, Wilcoxson Consulting, Inc.

David P. Plant, PE, D.P. Plant and Associates

Wesley D. Grimes, P.E. – Collision Engineering Associates, Inc.

**FARO Zone 3D Webinar**

Drag factor and Critical Speed training

One hour. October 19<sup>th</sup>, 2020

**Human Factors – Night-Time Visibility**

TAARS – October 21 – 23, 2020

15 hours

Jeff Suway, JS Forensics

**Collision Reconstruction Training, continued....**

**FARO Zone 3D Webinar**

Crash Diagramming

One hour. November 18<sup>th</sup>, 2020

**FARO Zone 3D**

Conservation of Momentum

Crash reconstruction with event data recorder

10 hours March 2021

**WATAI Training Conference**

Human Factors for Traffic Crash Reconstruction

24 Hours

October 26-28, 2021

**FARO Zone 3D**

Using drones & 3D laser scanners to quickly, accurately document crash scenes

November 2021

9 hours

**NAPARS Training**

Vehicle Dynamics

2 hours – On Line

November 28<sup>th</sup>, 2022

**NAPARS Training**

Crash Reconstruction Equations and Derivations

2 hours – On line

December 10<sup>th</sup>, 2022

**NAPARS Training**

Event Data Recorders

Andrew Rich - Instructor

2 hours – On Line

February 24<sup>th</sup>, 2023

**FARO Zone 3d**

Importing drone images

1 hour online

March 7<sup>th</sup> 2023

## **Collision Reconstruction Training, continued....**

### **NAPARS Training**

Arial Photogrammetry

3D Point Cloud with drone footage

Instructor: Andrew Klane, Forensic Mapping Solutions

2 hours online

March 17<sup>th</sup>, 2023

### **Comprehensive Air Brake Training**

Bendix

3 hours online training

March 30<sup>th</sup>, 2023

### **Human Factors**

NAPARS

Human factors in crash reconstruction

2 hours via zoom

Dr. Susan Lantz, instructor

April 4<sup>th</sup>, 2023

### **Identifying Brake Defects (Air Brakes)**

JJ Keller

One hour – online course

April 15<sup>th</sup> 2023

### **Hours of Service**

JJ Keller

One hour on-line course

April 22<sup>nd</sup>, 2023

### **PreTrip Walk-a-round**

JJ Keller

One Hour online course

April 29<sup>th</sup>, 2023

### **FMCSA CSA Training**

JJ Keller

One hour online course

April 29<sup>th</sup>, 2023

**Collision Reconstruction Training, continued....**

**IGNITION CYCOLOGY**

NAPARS

2 Hours CDR Ignition records

Ken Boots, Instructor

May 5<sup>th</sup>, 2023

**Pre Trip Brake Testing**

JJ Keller

On Line

May 6<sup>th</sup>, 2023

**Emergency Maneuvers Commercial Trucks**

JJ Keller

On Line

May 6<sup>th</sup>, 2023

**Hours of Service: Class A CDL, Record of Duty Status**

JJ Keller

On Line

May 7<sup>th</sup>, 2030

**Hours of Service: Supporting Documents**

JJ Keller

On Line

May 8<sup>th</sup>, 2023

**Driver Qualification Training for Managers**

JJ Keller

Online

May 11<sup>th</sup>, 2023

**Driving In Extreme Conditions**

Commercial Motor Vehicles

JJ Keller – On Line

May 14<sup>th</sup>, 2023

**Engine Compartment Defects**

Commercial Motor Vehicles

JJ Keller – On Line

May 19<sup>th</sup>, 2023

**Collision Reconstruction Training, continued....**

**Alcohol and Drug Testing for CDL Drivers**

JJ Keller – On Line  
May 29<sup>th</sup>, 2023

**Video Analysis**

NAPARS  
Joe Warren, Chattanooga, TN PD  
2 hours  
June 16<sup>th</sup>, 2023

**HVE/EDR**

NAPARS  
James Loftus, ACTAR, Oklahoma Highway Patrol (retired)  
Crash data from commercial motor vehicles  
2 Hours  
July 28, 2023

**Heavy Vehicle Collision Mitigation Systems**

NAPARS  
David Plant, Tim Cheek, Wes Grimes  
2 Hours  
September 8<sup>th</sup>, 2023

**Nighttime Crash Scene Investigation**

NAPARS  
Jeff Mutgart  
2 hours  
January 4, 2024

**ATV Crash Reconstruction**

NAPARS  
Mark Wright, Ontario Provincial Police (retired)  
2 hours  
April 26<sup>th</sup>, 2024

**Counterfeit Airbags**

NAPARS  
Thomas Nichols, GMC  
2 Hours  
July 19<sup>th</sup>, 2024

**Collision Reconstruction Training, continued....**

**Airbag Deployment Decision Criteria**

**NAPARS**

Wade Bartlett, NAPARS

July 19, 2024

**Maximizing Crash Scene Accuracy: 3D Technologies in Action**

FARO 3D scanner training

FARO Technologies

Webinar. 1 hour

September 19, 2024

**Crash Analysis Using EDR Data**

**NAPARS**

Michael Weyde

2 hour Zoom presentation

September 30, 2024

**Experiment with Collision Scenarios in FARO Zone Software**

FARO Zone 3E

Chris Mondry

1 hour zoom presentation

October 8<sup>th</sup>, 2024

**Finding A/B Stiffness Values From NHTSA**

**NAPARS**

Daniel Vonhoff III

2 hours via Zoom

March 7<sup>th</sup>, 2025

**Automatic Emergency Braking Systems**

**NAPARS**

Dr. David Kidd

2 hours via Zoom

April 11<sup>th</sup>, 2025

**Examining Delta V From EDR Files with Excell**

**NAPARS**

2 hours via Zoom

June 6<sup>th</sup>, 2025

**Collision Reconstruction Training**, continued....

**Enhanced Crash Reconstruction Practices Through Digital Workflows**

FARO and Police One

1 hour via Zoom

December 16<sup>th</sup>, 2025

**Driver Fatigue Detection Technology**

NetraDyne and CVSA

1 hour via Zoom

January 14, 2026

## **TRAFFIC LAW ENFORCEMENT TRAINING**

### **California Vehicle Code**

One Semester, Fullerton Community College  
1970, Instructor: Sgt. Braun, CHP.

### **Traffic Law Enforcement**

North Orange County Police Academy  
40 hours  
1972, Instructor: Sgt. Judd, Anaheim P.D.

### **Traffic Law Enforcement**

Anchorage Police Training Academy  
24 hours  
1982, Instructor: Sgt. Andrews, Anchorage P.D.

### **Stationary Radar**

8 hours. 1982  
Anchorage Police Department

### **Moving and Stationary Radar Training**

40 hours. 1987  
Anchorage Police Department

### **Radar Instructor; Moving and Stationary**

40 hours. 1991  
Department of Transportation. Anchorage, Ak.

### **Radar/Laser Operator/Instructor**

40 hours. 1996 NHTSA, Anchorage, Ak.

### **Motor Carrier Safety**

24 hours. 1987  
NHTSA  
Federal Motor Carrier Safety Regulations  
Anchorage, Ak.

### **North American Driver-Vehicle Inspection Course**

40 hours. 1990  
U.S. DOT. CFR 49. Anchorage, Ak.

### **Hazardous Material Roadside Inspection Course**

24 hours. 1990  
U.S. DOT. Anchorage, Ak.

**Hazardous Material Familiarization**  
8 hours. 1991  
Anchorage Police Department

**Commercial Vehicle Driver Inspection**  
8 hours. 1998  
Alaska State Troopers  
Level 3 Inspections

**North American Standard Commercial Motor Vehicle  
Inspection Course**  
80 hours. June, 2000  
U.S. Department of Transportation and the University of Missouri  
Commercial Vehicle Safety Alliance (CVSA) certified. Anchorage, AK.

**Transportation of Hazardous Materials Inspection Course**  
32 Hours August, 2000  
U.S. Department of Transportation  
Anchorage, AK

**Inspection of Cargo Tankers**  
24 Hours, August 2000  
Mid America Transportation  
Anchorage, AK

## **DWI TRAINING**

### **Horizontal Gaze Nystagmus**

16 hours. 1991

Sgt. Tom Katkus, Instructor  
Anchorage Police Department

### **DWI/HGN and Drug User Identification/Instructor Course**

40 hours. 1992

NHTSA  
Ft. Richardson, Ak.

### **DWI/HGN Training Course**

16 hours. 1993

Anchorage, Ak.

### **Intoximeter 3000 and PABT Instructor/Supervisor Course**

40 hours. 1993

State of Alaska Crime Laboratory  
Anchorage, Ak.

### **Intoximeter 3000 Instructor/Supervisor Recertification**

15 hours. 1996

State of Alaska Crime Laboratory  
Anchorage, Ak

### **Driving Under the Influence of Drugs Seminar**

12 hours. 1995

Alaska Peace Officers Association Conference, Anchorage, Ak.  
LAPD Drug Recognition Unit. Sgt. Thomas Page and Officer John Clark. Patricia Gould of National Traffic Law Center. Gary Branum of Associated Pathologists Laboratory.  
Training included lecture and video of persons under the influence of drugs.

### **Narcotics and Drug Influence**

4 hour seminar. October 27, 1997, Anchorage, Ak.

Western States Intelligence Network (WSIN)

Tom McCabe, Instructor

Two hours on drug influence.

Two hours on drug enforcement.

**4TH Annual I.A.C.P. D.R.E. Drugs, Alcohol and Impaired Driving Conference.** Portland, OR. June 27 - 30th, 1998

Principles of drug action: Dr. Robert Julian, St. Vincent Hospital, Portland, OR.

Study of Case Law on HGN and DRE: Patricia Gould, National Law Center.

Innovative Teaching Methods for SFSTs and DRE: Sgt. Doug Paquette, N.Y. State Police.

Prescription Medications, Over-the-counter Drugs and Driver Impairment: Dr. Gary Kay, Ph.D., Georgetown University.

The World of Hallucinogens: Dr. Alex Stalcup, Concord, CA.

Nystagmus - Medical, Natural or Drug Induced?: Dr. Robert Yolton and Dr. Karl Citek, Pacific University College of Optometry, Forest Grove, OR.

New Technology and Tools for the D.R.E.: Paul Helzer, Colorado Department of Transportation.

What's New in the World of Drugs: Phyllis J. Good, Michigan State Police.

Speed Kills - The Downside of Methamphetamine Use in Drivers: Dr. Barry K. Logan, Ph.D., Washington State Toxicologist.

**Intoximeter 3000 Supervisor Recertification**

Sept. 9 and 10, 1999.

16 hours. State of Alaska Scientific Crime Detection Lab, Anchorage. Hysteresis, Toxicology, Physiology, Pharmacology, Intoximeter operation and minor repair.

## **EXPERT TESTIMONY VEHICLE COLLISION INVESTIGATION/RECONSTRUCTION**

State of Alaska v. Earl M. Legon. March 1991, Anchorage, Ak. Superior Court. 3rd Judicial District.

- Point of impact
- Speed estimate
- Direction of travel at impact
- Gouge marks in pavement
- Photography; flash and ambient light (time exposure).
- Angle of vehicles at impact

State of Alaska v. Glenn Bossie. June 1991, Anchorage, Ak. Superior Court. 3rd Judicial District.

- Point of Impact, Speed estimate
- Direction of travel at impact
- PDOF
- Pre-collision skids
- Post-collision skids
- Gouge marks in pavement
- Matching damage to vehicles
- Angle of impact, Post collision travel of vehicles

### **Expert Testimony Vehicle Collisions Continued...**

State of Alaska v. Mark Shetters. August 1991. Anchorage, Ak. Superior Court, 3rd Judicial District.

- Point of impact
- Speed estimate
- Direction of travel at impact
- PDOF
- Post collision travel direction of vehicles
- Gouge marks in pavement
- Matching damage to vehicles, Angle of impact

Municipality of Anchorage v. Cho. April 1993 Traffic Court.  
PDOF

Municipality of Anchorage v. Kluczynski. October 1993. District Court.  
Vehicle Dynamics to estimate “slide to stop” distance.

Municipality v. Terri Piteck. Dec. 1993. District Court.

Intoximeter 3000

Horizontal Gaze Nystagmus

Speed from "yaw" marks.

Identification of yaw marks.

Municipality v. Robert Morrison. February 1995 District Court

Identification of tire "prints" vs. "skid marks".

Speed estimate from collision damage

Matching damage of vehicles together.

Municipality of Anchorage v. Stuart Reder. August 1997. District Court.

Intoximeter 3000

Vehicle speed from "yaw marks".

Identification of "yaw marks".

Drug influence

Alcohol and prescription drugs.

State of Arizona vs. Randall Keedah CR 82002-0197

Oct. 16<sup>th</sup> 2002. Vehicular Homicide

Occupant seating position

Airbag deployment issues

Relative angle of vehicles at impact

Vehicle Inspection

Lights on/off

Tire and wheel damage as a cause of the collision

Steering component damage as a cause of the collision

Deposition. June 12<sup>th</sup>, 2003. Hanes v. Gould (see next entry)

Hanes v. Gould. Asotin County, Washington, Superior Court

July 17<sup>th</sup>, 2003. Civil. R.V. vs. Commercial Truck

Speed of both vehicles

Commercial truck lane change distance

Linear Conservation of Momentum

Vehicle Dynamics

PDOF

Relative angle of vehicles at impact

Identification of tire marks, Matching damage of vehicles

Scrape marks from steel wheel against pavement

## **Expert Testimony Vehicle Collisions Continued...**

Balback v. Booey. Deposition. Two auto, rear end collision.  
Spokane, WA. 9-20-03

Barry v. Paulson. Deposition. Motorcycle v. Pickup  
Coeur d'Alene, ID. March 29<sup>th</sup>, 2005

Grenfell v. Massa Home Center. Deposition. Commercial truck  
v. flatbed pickup. Missoula, MT. Oct. 18<sup>th</sup>, 2005

Grenfell v. Massa Home Center. Trial, expert testimony.  
Nov. 1<sup>st</sup>, 2005. Ravalli County Superior Court, Hamilton, MT. Vehicle  
dynamics, position of vehicles at impact, comparing damage.  
Commercial truck vs. flatbed pickup truck.

Stowell v. Karameti. Deposition. Two car intersection collision.  
Conservation of Momentum. Coeur d'Alene, ID April 18<sup>th</sup>, 2006

Geyman v. Norco. Deposition. Two car rear end collision. Speed at  
impact, brake usage, vehicle dynamics.  
Missoula, MT. Sept. 12<sup>th</sup>, 2006

DeMatteo v. Russell. Deposition. Four car rear end, chain reaction  
collision. Roadway evidence, vehicle damage, sequence of  
collision(s). Coeur d'Alene, Idaho. Nov. 2<sup>nd</sup>, 2006

Julius v. Montana Rail Link, Deposition. Auto v. Freight Train.  
Vehicle dynamics. Rail Road Crossing Design  
Coeur d'Alene, ID Feb. 20, 2008

State of Montana v. Terry Miller  
Negligent Homicide, auto v. motorcycle intersection collision.  
Roadway evidence, vehicle dynamics, matching damage from  
motorcycle to auto.  
Superior Court, Kalispell, Mt. June 11<sup>th</sup>, 2008

Julius v. Montana Rail Link  
Bozeman, MT  
Auto v. train single fatality  
Vehicle dynamics, railroad crossing design  
Superior Court, June 17, 2009

## **Expert Testimony Vehicle Collisions Continued...**

Florea v. Werner Enterprises  
Deposition. August 25<sup>th</sup>, 2009  
Multiple auto and commercial truck crash  
Matching damage between vehicles  
Vehicle dynamics  
Collision sequence issues. Missoula, MT.

State of Montana v. Clinton Root  
Trial: Vehicular Homicide  
Speed from yaw (CSY)  
Vehicle Dynamics  
Roadway evidence  
Matching damage  
Point of Impact, Highway design defects/flaws  
September 23, 2009, Polson, MT.

“Masters in Trial” (participant)  
American Board of Trial Advocates  
Missoula, MT November 13<sup>th</sup>, 2009  
Participated as “plaintiff expert” in mock trial.

State of Montana vs. Nathan Oswald  
Trial: Vehicular Homicide  
Speed from Vault  
Occupant seating positions  
Roadway evidence  
Investigation of roll-over crashes with occupant ejection  
Helena, MT May 26<sup>th</sup>, 2010

State of Montana vs. Sergey Buslayev  
Trial: Vehicular Homicide  
Commercial truck vs. .pickup truck  
Delta V  
Speed at impact  
Vehicle dynamics  
Superior, MT. June 2011

## **Expert Testimony Vehicle Collisions Continued...**

State of Idaho vs. Lisa Calbick  
Trial: Vehicular Homicide  
Coeur d'Alene, Idaho  
Criminal Defense  
Off the road rollover  
Delta V  
Speed at impact  
Vehicle dynamics  
Matching Damage  
Roadway evidence  
Coeur d'Alene, ID August 2012

Lesmeister v. Schwartzenberger  
Deposition. Coeur d'Alene, ID  
4 auto fatal crash  
Civil Plaintiff  
Roadway evidence  
Matching damage  
April 2013

Karief v. Fernandez  
Jury trial, Auto v Pedestrian Fatal  
Anchorage, AK  
Civil Defense  
Determination of speed  
Time/distance calculations  
Matching injury to damage  
Direction of travel of the pedestrian  
Reaction time  
Roadway evidence  
August 2013

## **Expert Testimony Vehicle Collisions Continued...**

Curry v. Talaro  
Jury trial. Auto v. Bicycle. Fatal  
Anchorage, AK  
Civil defense  
Traffic Signal Phasing  
Determination of speed  
Time/distance calculations  
Matching injury to damage  
Direction of travel  
Angle of impact  
Reaction time  
Roadway evidence  
Collision avoidance  
June, 2014

Tuula v. Leo Stull and Cheesebrough  
Jury trial, Kellogg, ID December 2014  
Civil defense  
Two auto intersection collision  
Conservation of momentum  
Post impact rotation  
Matching damage, Angle of impact

State of Montana v. Adam Sanchez  
Jury trial, Billings, MT. October, 2015  
Criminal Defense  
Auto v pedestrian fatal collision  
Identify the area of impact  
Speed of the striking vehicle  
Matching injury to damage  
Vehicle dynamics  
Reaction time

Steve Holoyuk v. Rocky Mountain Transportation  
Jury Trial, Kalispell, MT January 5<sup>th</sup>, 2016  
Civil Plaintiff  
Motorcycle v Commercial truck  
Speed of the motorcycle

## **Expert Testimony Vehicle Collisions Continued...**

Hamilton v Peterkin  
Deposition – Civil – Defense  
AST Trooper v. pickup truck  
Emergency Vehicle response  
Vehicle Dynamics  
Driver Reaction time  
Speed of vehicle at impact  
October 2016

Hamilton v. Peterkin  
Trial – Civil – Defense  
AST Trooper v. pickup truck  
Vehicle Dynamics  
Position of vehicles at impact  
Crash Data Retrieval  
Speed at impact  
March 1, 2017

Rubit v. Scarella Bros. Construction  
Deposition – Insurance Defense  
Motorcycle v. van intersection crash  
Rotational Mechanics  
Speed at impact  
Vehicle Dynamics  
April 24<sup>th</sup>, 2017

Rubit v. Scarella Bros. Construction  
Civil Trial – Insurance Defense  
Motorcycle v. van intersection crash  
Rotational Mechanics  
Speed at impact  
Vehicle Dynamics  
August 28<sup>th</sup>, 2017

## **Expert Testimony Vehicle Collisions Continued...**

State of Montana v Dylan Gamel  
Bozeman, Montana  
Criminal Defense  
Two Auto Intersection Fatal Crash  
Conservation of Momentum  
Speed at Impact  
Vehicle Dynamics  
Crash Data Analysis  
October 26<sup>th</sup>, 2017

State of Montana v Katie Garding  
Missoula, MT  
Criminal Defense – Hearing for new trial  
Rendered summary, opinion of auto v pedestrian reconstruction.  
June 26<sup>th</sup>, 2018

United States v Dylan Hale  
U.S. Federal Court, Mountain Home AFB  
Criminal Defense – Auto v Pedestrian  
February 10 – 16, 2019

Houtakker v. Precision Dirt Works  
Deposition  
Civil – Plaintiff  
Vehicle Dynamics  
Human Factors – eyewitness reliability  
Roadway Evidence  
Commercial Truck braking  
Commercial Truck inspection  
November 12, 2019

State of Montana v McNamara  
Criminal Defense Auto v Pedestrian  
Scene evidence  
Identify area of impact  
Speed of the striking vehicle  
Vehicle dynamics  
Drag Factor  
Hamilton, MT June 18, 2020

## **Expert Testimony Vehicle Collisions Continued...**

Root v Miller-Fitzpatrick et al. Deposition  
Civil Plaintiff  
Vehicle Dynamics  
Area of Impact  
Speed of striking vehicle  
Delta V  
Coeur d'Alene, ID  
January 19<sup>th</sup>, 2021

State of Montana v Lindsay Castrillo  
Criminal Defense  
Sentencing hearing  
One car off-the-road rollover with ejection - fatal  
Vehicle Dynamics/speed of the vehicle  
Polson, MT (testified remotely)  
March 10<sup>th</sup>, 2021

State of Alaska v Curtis  
Criminal Defense  
Mulit-vehicle. Tour bus v R.V. et al  
Vehicle Dynamics  
Roadway Evidence  
Looming threshold  
Brake lights on/off (filament exam)  
EDR Data  
Anchorage, AK May 25<sup>th</sup>, 2022

State of Montana v Himes  
Traffic Trial - Defense  
Two car lane intrusion  
PDOF  
Matching damage  
Hamilton, MT  
May 22<sup>nd</sup>, 2023

## **Expert Testimony Vehicle Collisions Continued...**

State of Montana v Luis Contreras  
Criminal Defense  
4 vehicle freeway rear end crash – fatal  
Vehicle dynamics  
Crash data Retrieval  
Roadway evidence  
Vehicle Evidence  
Reaction time  
Looming Threshold  
Billings, Montana. June 6<sup>th</sup>, 2024

Clark v State of Alaska  
Civil Plaintiff - Deposition  
Two car intersection fatal  
Area of impact  
Speed estimate  
Vehicle Dynamics  
Emergency Vehicle Pursuit/Operation  
Nikiski, Alaska  
March 10<sup>th</sup>, 2025

State of Alaska v Tyler McGee  
Criminal Defense – Sentencing Hearing  
Auto v Pedestrian Fatal  
Area of impact  
Speed estimate  
Vehicle Dynamics  
Roadway evidence  
Vehicle/Pedestrian interaction

Several traffic cases where expert testimony was needed in non- injury collision cases.

\*Partial list only

## TRAFFIC COLLISIONS RECONSTRUCTED\*

APD #	circa; 1989	Motorcycle v Motorcycle Cherry St., Anchorage, AK Critical injuries
	Circa 1991	Auto v bicycle Turnagain area, Anchorage, AK Critical injuries
	96-109209	Momentum Analysis Triple fatality
	96-228898	Momentum Analysis Double fatality
	96-244440	Momentum Analysis Single Fatality
	96-114518	Motorcycle v. Auto Critical injury.
	96-156122	Motorcycle v. Bicycle Critical injury.
	97-76087	Single car, run off road.
	97-82544	Single car, run off road.
	97-86060	Multiple car, run off road.
	97-77894	Auto v. Pedestrian
	97-141501	Single vehicle, run off road, over embankment.
	97-141755	Single vehicle, run off road, slid into pole while sliding inverted.
	97-146621	Two vehicle head on.
	97-171834	Motorcycle v. pedestrian fatality.

## **Traffic Crashes Reconstructed, Continued...**

	98-25887 One car roll over with fatality.
99-23	Auto Pedestrian Fatality  Single vehicle Motorcycle Fatality, Hollywood and Loop, Anchorage
	Single vehicle Motorcycle double fatality, 15th and L, Anchorage.
	Auto v. motorcycle single fatality, Northern Lights and Aircraft, Anchorage.
99-29386	Auto v. bicycle, critical injury
State of Arizona v. Keedah	Auto Pedestrian fatal. 4-02 Criminal Defense Camp Verde, AZ
State of Arizona v. Fields	One car off the road roll over. 1-02 Criminal Defense
State of Arizona v. Miles	Auto Pedestrian hit and run Criminal Defense
Hanes v. Gould (civil)	Motor home v. Logging truck
State of Washington	12-02 Defense (civil)
Snyder v. Hansen State of Washington	Two auto, intersection collision 1-03 Plaintiff (civil)
Paulson v. Barry	Motorcycle v. pickup with trailer
State of Montana	2-03 Defense (civil)

## **Traffic Crashes Reconstructed, Continued...**

Balback v. Booey	Two Car rear end collision 10-03 State of Washington
Justice V. Masters	Two Car rear end collision. 10-03 State of Washington
Kennedy v. Laidlaw Transit	Auto v. School Bus Fatal. 1-04 State of Alaska Defense (civil)
Webster (Mtl. of Enumclaw)	Two autos at intersection. 6-04 Insurance Defense
Zamora v. Kosanke	Two autos, FTY from private property, view obstruction and speed issue.6-04 Insurance Defense
Shjerve v. Kitt	Two auto, FTY left turn. Speed, lights on/off issue. 11-04 Insurance Defense
Jefferies v. City of Spokane	Intersection design issue. 7-04 Plaintiff (civil)
Buchholz v. Nebel v. Rogers	3 motorcycle collision 4-05 Defense (civil)
Stowell v. Karameti	2 car intersection collision 7-05 Defense (civil)
Grenfell v. Warr	2 flatbed trucks 6-05. Hamilton, MT 2005 Defense (civil)
Western Transfer v. Amerigas	Tractor-Semi trailer v. Flatbed 11-05 with crane. New Meadows, ID 2005 Critical Injury Defense (civil)

## **Traffic Crashes Reconstructed, Continued...**

Geyman v. Norco	Rear end collision. Van v. SUV 11-05. Hamilton, MT 2005 11-06. Defense (civil)
Jones v. Meinema	Head on collision. SUV v Pickup, Davenport, WA. 2005 Critical Injury Mutual of Enumclaw Insurance Defense
DeMatteo v. Russell	Multiple rear end collision. Injury. Anchorage, AK 2006 Defense (civil)
State of Montana v. Curtis Thomas	One vehicle off the road rollover, One fatal. Feb. 2007 Criminal Defense
State of Montana v. Terry Miller	Auto v. Motorcycle. One fatal. May 2007 Criminal Defense
Hodges v. Hooper	Commercial Truck v. auto 2 Fatalities Parma, ID. June, 2006 Great West Casualty Co. Insurance Defense
MacKay v. Colby	Two auto intersection collision One Fatal, July, 2006 Mutual of Enumclaw Insurance Insurance Defense
Gladden v. Dupperon	Auto v. bicyclist. One fatal State Farm Insurance April 5 <sup>th</sup> , 2007 Insurance Defense

## Traffic Crashes Reconstructed, Continued...

Lathrop v. Buerger	Auto v. auto rear end collision Brake light on/off determination State Farm Insurance September 2007 Insurance Defense
Rogers v. McGann	Auto v motorcycle intersection collision. Critical injuries State Farm Insurance October 2007 Insurance Defense
Krahn v. Cook	Auto v. Pedestrian. Injury. State Farm Insurance October 2007 Insurance Defense
Julius v. Montana Rail Link	Auto v. Freight train. One fatal Vehicle Dynamics issues RR crossing design flaws/issues Collision in 2003. Report 2007/08 Plaintiff (civil)
State of Montana v. Drabbles	Auto v. Auto intersection collision One fatal. Conservation of Momentum, vehicle dynamics, sight distance State of Montana Public Def.
Craggett v. Swain	Auto v. Auto Intersection collision Conservation of momentum Sight distance June 2008 Insurance Defense
Lynch v. Lundy	Auto v. pedestrian Vehicle Dynamics, sight distance, point of impact July 2008 Insurance Defense (civil)

## **Traffic Crashes Reconstructed, Continued...**

State of Montana v. Matthew Chase	Single auto off the road State Public Defender – Missoula Single Fatality Determine if forced off road or lost control September, 2008
Florea v. Werner Enterprises	7 Truck Tractors and 2 auto collision One critical injury and one minor injury Matching damage between vehicles Vehicle dynamics Collision sequence issues Vehicle speeds February 2007 St. Regis, MT Plaintiff – civil
Kelley v. Mood	Auto v. Auto rear end collision Vehicle dynamics Delta V at impact Matching damage June 2009 Defense (civil)
State of Montana v. Clinton Root	Auto v. Commercial truck Single Fatality June 2009 Criminal Defense – Public Defender
Parrick v. FedEx Ground	Commercial Truck with double trailers vs. pick up truck. Single Fatality. 2009 Pre-braking speed Delta V Vehicle Condition issues Driver Log books Criminal Prosecution and Plaintiff (civil)

## Traffic Crashes Reconstructed, Continued...

Lance Fredericks v CH2M Hill, Inc and Nick Ruff	January, 2010 Dead Horse, Alaska Injury when a manlift rolled off a commercial truck. Issue: Operation and parking a commercial truck, brake operation, rolling resistance Civil Plaintiff
State of Montana v. David Bugni	January 2010 Two auto rear end collision on an interstate highway. One fatality. Matching damage, Delta V, critical speed formula. Criminal Defense
State of Montana v. Nathan Oswald	One vehicle off the road roll-over. Occupants ejected January 2010 Criminal Defense
Geiss v. Missoula County	Two vehicle side impact crash January 2010 Physical injury. Plaintiff (civil)
Shandy v. Angel	Auto v. Motorcycle June 2010 Fatal Plaintiff (civil)
Great West Casualty	Commercial Truck v Auto January 2011 Fatal Insurance Defense
Lesmeister v. Schwartzenerger	Four car crash January 2011 Fatal Plaintiff (civil)
State of Montana v. Crone	One car off the road rollover January 2011 Critical injury Criminal Defense

## **Traffic Crashes Reconstructed, Continued...**

State of Idaho v. Jon Ellington	Three car/auto pedestrian December 2011 Fatal Pedestrian/ Criminal Defense
State of Idaho v. Lisa Mireles (Calbick)	Three car crash. One car off the road roll over, one fatal. Criminal Defense February 2012
State of Idaho v. Sean O'Laughlin	One car off the road roll over One fatality, two critical injuries Criminal Defense June 2012
Karief v Fredericks	Auto v Pedestrian Fatal Anchorage, AK June 2012 Insurance Defense
Montana v Sangrey	Auto v Motorcycle Fatal Great Falls, MT Criminal Defense July 2012
Leroy v Montana	Auto v Auto Injury Missoula, MT Civil Plaintiff July 2012
Montana v Elmer	Auto v Motorcycle Fatal Kalispell, MT Criminal Defense August 2012
Curry v Talaro	Auto v Bicyclist Fatal Anchorage, AK Civil Defense November 2012

**Traffic Crashes Reconstructed, Continued...**

Karief v. Fernandez	Auto v Pedestrian Fatal Anchorage, AK Civil. Defense July 2012
Fretts v. Challeen	Auto v Pedestrian Critical Injury Missoula, MT Civil. Plaintiff March 2013
First Continental Freight	Commercial truck v. Pick up truck. Fatal Twin Bridges, MT Civil. Defense November 2012
Burklund v. Hebert	Auto v. 4 wheel ATV. Injury Cle Elum, WA Insurance Defense January 2013
Tamosaitis v. Hartman	Three auto rear end chain reaction Missoula, MT Civil. Plaintiff April 2013
Tula v. Stull	Two car intersection collision Silverton, ID Civil Defense July 2013
51-20N1-360	Two car rear end collision Honolulu, HI In-house reconstruction for State Farm Insurance August 2013

## **Traffic Crashes Reconstructed, Continued...**

Russell v. Alaska Road Boring	Gravel truck v. auto intersection collision Palmer, AK Civil Defense October 2013
State of Montana v Thomas Vineyard	Auto v two Pedestrians – one fatal Missoula, MT Criminal Defense December 2013
Brown v Rounds	Auto v Motorcycle Coeur d Alene, ID Civil Plaintiff December 2013
State of Arizona v Leudtke	Three car intersection collision Criminal Defense Prescott, AZ January 2014
Bonner County v. Pepperdine	One car off the roadway v power pole Criminal Defense Sandpoint, ID April 2014 Occupant seating position, driver identification.
Anderson v. Williams	Two car intersection collision Port Townsend, WA May 2014 Conservation of Momentum No report
Herrell v. SK Construction	Two vehicle rear end crash Two semi truck tractors, 1 fatality Near Elmo, Mt August 2014 Civil defense

## **Traffic Crashes Reconstructed, Continued...**

Larson v. FedEx	Two vehicle off road collision Two fatalities Near Deborgia, MT July, 2014 Civil, Plaintiff
Speakman v. Wolf	Auto v Bicycle Critical injury Soldotna, AK Civil, defense October 2014
State of Montana v Farbrook	Two car head on collision One fatality Helena, MT Criminal Defense October 2014
Foskett v. Palliser Inc.	Commercial Truck v Van Rear end, injury crash Conrad, MT Insurance Defense. March 2015
Hamilton v Peterkin	Two car intersection collision Kenai, AK Civil Defense June 2015
Holoyuk v Rocky Mountain Transport	Commercial Truck v Motorcycle West Glacier, Montana Civil, plaintiff August 2015
State of Montana v Adam Sanchez	Auto v Pedestrian Fatal Great Falls, MT Criminal Defense September 2015

## **Traffic Crashes Reconstructed, Continued...**

State of Montana v Joshua Moore	One car off the road roll-over Hamilton, MT Criminal Defense, who was driving January 2016
Billingslea & Moran v McDonough	Commercial Truck (cement mixer) off the road rollover. Civil Defense. April 2016
Montana v Garding	Auto v Pedestrian Hit and Run Criminal Defense, Innocence Project E. Missoula, MT July 2016
Hoffman v. Wheaton Water Wells	Auto v. bicycle Insurance Defense Wasilla, AK September 2016
Marilyn Joe v. Johnson	Auto v. Pickup Glennallen, AK Insurance Defense November 2016
State of Montana v. James Calderhead	Single Motorcycle Crash with Fatality Criminal Defense Bozeman, MT January 2017
Alde v Kaump	Auto v Pickup head on crash Insurance Defense Dixon, MT January 2017
Rubit v. Scarella Bros	Motorcycle v Passenger van Insurance Defense Palmer, AK February, 2017

## **Traffic Crashes Reconstructed, Continued...**

Hickerson v Ezzell	Two auto rear-end collision Insurance Defense Coeur d Alene, ID June 2017
State of Montana v Dylan Gamel.	Two auto intersection fatal Criminal Defense Yellowstone County, Montana August 2017
Nelson v Cink	Motorcycle v auto intersection fatal Civil Plaintiff Fairbanks, AK August 2017
State of Montana v Ashley Thomas	One car off-the-road rollover, fatal Criminal Defense Missoula, MT June 2017
Compogno v. Hanson	Two auto intersection collision Insurance Defense Spokane Valley, WA July 2017
Cesar v Ihle	Two car intersection collision Civil – Plaintiff Juneau, AK November 2017
State of Montana v Emily Levens	Auto v Pedestrian Fatal Criminal Defense Missoula, MT November 2017
Danner v Johnson	Auto v Bicycle Civil – Plaintiff Haines, AK December 2017

## **Traffic Crashes Reconstructed, Continued...**

Oakley v Kelly	Auto v Bicycle Civil – Defense Coeur d' Alene, ID December 2017
Field v Westphal	Commercial Truck v Auto – Fatal Civil Defense Whitefish, MT January 2018
Boyda v Lakey	Two pickup head-on Fatal Civil – Plaintiff Sutton, AK March 2018
State of Montana V Roger VanCleave	One car off the road rollover – Fatal Criminal Defense Deer Lodge, MT May 2018 (no report)
Duncan v TNT And Idaho Dept. of Transportation	Two vehicle head-on. Critical Injury Civil Defense. Rose Lake, ID (I-90) May 2018
Miller v State Farm	Low Speed Collision Insurance Defense Anchorage, AK June 2018
State of Montana v Eric Carver	Auto v Bicycle Criminal Defense Bozeman, MT May 2018
Four Star	Auto v Pedestrian Insurance Defense Colfax, WA June 2018

## **Traffic Crashes Reconstructed, Continued...**

Rice v USPO	Auto v Pedestrian Plaintiff, civil Missoula, MT July 2018
Wolf v Burbage	Two Auto Intersection Crash Insurance Defense Post Falls, ID July 2018
Hubbard v King	Two Auto Intersection Crash Civil – Plaintiff Spokane, WA September 2018
State of Montana v Couture	Auto v Pedestrian Criminal Defense Missoula, MT May 2018
Houtakker v Precision Dirt Works	Three Vehicle Crash Involving a Dump Truck Civil Plaintiff Kalispell, MT September 2018
Linder v Crocker	Four Vehicle crash Purdy, WA Insurance Defense October 2018
Polhamus v Frederickson	Two auto intersection collision Spokane Valley, WA Insurance Defense October 2018
Ramos v Cleaver	Auto v Bicycle Clackamas, OR Insurance Defense October 2018

## **Traffic Crashes Reconstructed, Continued...**

Landers v Fast Inc	Single vehicle Motorcycle Crash Civil Defense Mile 61 of I-80 Wyoming October 2018
State of Montana v Parizeau	Auto v Pedestrian Fatal Criminal Defense Ronan, MT October 2018
United States v Dylan Hale	Auto v Pedestrian Criminal Defense Mountain Home AFB February 2019
State of Montana v Jimenez	One car rollover/Fatal Criminal Defense Lake County, MT February 2019
State of Montana v Jay Heiznman	Two car Fatality Criminal Defense Carbon County, MT February 2019
Sanderson v McLain	Auto v Pedestrian Insurance Defense Selah, WA March 2019
Singh v Niederberger	Two car auto crash Insurance Defense Seattle, WA March 2019
Mau v Rybak v Khatman	Three car injury crash Civil Defense Delta Junction, AK April 2019

## **Traffic Crashes Reconstructed, Continued...**

State of Montana v. Bloodman	Two car fatal crash Criminal Defense Pablo, MT. July 2019
State of Alaska v. Curtis	Fatal Crash Multi-car with Tour Bus Criminal Defense Portage, AK June 2019
Devault v. Mulligan	Two car injury crash Insurance Defense Sagle, ID July 2019
Spottedbird v Sansaver	Auto v Pedestrian Fatal Civil – Plaintiff Glasgow, MT March 2019
Ward v. Idaho DOT	Auto v tree Insurance Defense Lewis County, ID October 2019
State of Montana v. Bayford	One car off the road rollover Criminal Defense Missoula, MT May 2018
Berube v Gilbert	Multi-car crash Insurance Defense Bragaw and Glenn, Anchorage May 2019
Everett v Johnson	Three car rear end collision Insurance Defense Athol, ID January 2020

## **Traffic Crashes Reconstructed, Continued...**

Allstate, Salehibavad, Amirabbas	Two car rear end collision Insurance defense – staged collision January 2020
Sims v Gallant	Two car intersection collision Civil – Plaintiff Juneau, AK March 2020
Jeske v Kammarcal	Auto v Pedestrian Civil – Plaintiff Post Falls, ID March, 2020
State of Montana v Joseph McNamara	Auto v Pedestrian Criminal Defense Hamilton, MT April 2020
State of Montana v Patricia Berliner	Auto v Pedestrian Criminal Defense Whitefish, MT August 2020
Springer v Babcock	Two Car Intersection Crash Plaintiff – Civil Juneau, AK October 2020
Yakimow v Crapo Ltd.	Commercial Truck v pickup Plaintiff – Civil Madison County, MT September, 2020
Werner v Costco	Parking lot angle collision Plaintiff – Civil Coeur d Alene, ID September, 2020

## **Traffic Crashes Reconstructed, Continued...**

Root v Miller-Fitzpatrick	Multi vehicle crash Three semi-trucks, two autos One fire truck Civil plaintiff Big Timber, MT September, 2020
State of Montana v Buccelli	Auto v Motorcycle Laurel, MT Criminal Defense October, 2020
Cooper v Burger	Two auto intersection crash Plaintiff, Civil Kenai, AK December 2020
State of Montana v Andrew Sherod	Auto v Motorcycle Fatal Criminal Defense Billings, MT January, 2021
Perez v Easy Lane Transport	Commercial truck v passenger car Mile 4.7 Hwy. 243 Grant County, WA February, 2021 Civil, Plaintiff
Slaton Reynoldson v BNSF Railroad	Auto v. Commercial Truck Brockton, MT June, 2021 Civil, Plaintiff
Snyder v Croft	Auto v Pedestrian Civil Plaintiff Ronan, MT January, 2021

## **Traffic Crashes Reconstructed, Continued...**

State of Montana v Kaylea Mullendore	Three car fatal crash Criminal Defense Billings, MT September, 2021
State of Montana v Tevin Groshelle	Single vehicle Motorcycle Fatal Criminal Defense Belgrade, MT October, 2021
Nguyen v United States	Three vehicle rear-end crash Civil, Plaintiff Humboldt County, California January 2022
State of Montana v Emily Erbacher	Auto v bicycle – Fatal Criminal Defense Missoula, MT May 2022
State of Montana v Hartson	Auto v Pedestrian – Fatal Criminal Defense Missoula, MT July 2022
Holdsambeck v Ironhorse Towing	Auto v Motorcycle – Serious Injury Civil Plaintiff Missoula, MT November 2022
Couch v Boroff	Auto v Auto – Injury Benewah Co. Idaho Civil Plaintiff October 2022
Jason Reuger	Motorcycle v Farm Tractor Civil Plaintiff – case not filed Soap Lake, WA March 2022

## **Traffic Crashes Reconstructed, Continued...**

GFL Environmental	Auto v Pedestrian Insurance Defense Cutbank, MT August 2023
Rebecca Devine	Auto v Bicycle Insurance Defense Greenacres, WA January 2023
Franki Avalos v Taylor Taxi	Two Auto Intersection Collision Civil Plaintiff Northern Lights and A St. Anchorage AK March 2023
State of Montana v. Daniels	Two Auto Rear End Collision Criminal Defense Lewistown, MT March 2023
Karella v USAA	Two Auto Intersection Crash Civil Plaintiff Steese Hwy and 3 <sup>rd</sup> St. Fairbanks, AK March 2023
Col. Himes v Glazier	Two car lane intrusion Civil Defense Hwy 93 and Bowman Rd Hamilton, MT May 2023
Jose Lopez v NBW Trucking	Dump Truck Rollover Insurance Defense Mammoth, WY July 2023
City of Laurel v Abigail Bryan	Two car intersection crash Criminal Defense Laurel, MT July 2023

## **Traffic Crashes Reconstructed, Continued...**

State of Montana v Luis Contreras	Multi-car rear end crash Criminal Defense Billings, MT June 2023
Allstate Insurance	Two-car rear-end crash Insurance Defense Tukwila, WA June 2023
Bullington v UHaul	Four-car head-on crash with fatal Civil Plaintiff Seward Highway, Alaska July 2023
Roosevelt County v Brandi Bowland	Two-car side-swipe crash Criminal Defense Culbertson, MT July 2023
Stemson v. Ultimate Logistics	Two Commercial Trucks fatal crash Civil Plaintiff Superior, MT September 2023
Clark v State of Alaska	Pursuit Policy re: Fatal traffic crash Civil plaintiff Nikiski, AK December 2023 (Incident date 2020)
Toledo v Edwards	Two auto head-on with fatality Civil Plaintiff U.S. 93 Lake County, MT February 2024 (incident date July 2022)
Gaenzle v Schumacher	Motorcycle v auto Civil plaintiff Mile 85 US 2 Flathead County March 2024 (incident date August 2020)

## **Traffic Crashes Reconstructed, Continued...**

Nashookpuk v North Slope Borough	Auto v ATV Civil Plaintiff Point Hope, AK April 2024
Coy v Ida-Home Hardscapes, LLC	Auto v Auto Civil Plaintiff Old Town, Idaho July 2024
Sprague v. SS Skikos	Truck-tractor v auto Multi-car chain reaction Civil Plaintiff Reno, NV July 2024
Lamb v. United Natural	Truck-tractor v auto Civil Plaintiff Reno, NV August 2024
Delaney v Clevenger	Auto v Pedestrian Civil Plaintiff Spokane, WA September 2024
Brooks v. Kidwell	Motorcycle v Auto Civil Plaintiff Spokane Valley, WA February 2025
Johnson v The Odom Corp.	Auto v Semi Civil Plaintiff 3 <sup>rd</sup> and A, Anchorage April 2025
Narang v Las Vegas Paving	Commercial Truck v passenger car Civil Defense Tropicana and Koval, Las Vegas, NV July 2025

Lane v Colville	Commercial Truck v passenger car Civil Plaintiff Mile 242 Richardson Hwy, Alaska June 2025
Frazier v Manas Express	Commercial Truck v passenger car Civil Plaintiff Interstate 90 near Deer Park, Montana December 2025
Eursley Lee v Dolly Ahngnatoguk	Two Car Intersection Crash Civil Plaintiff DeBarr and Bragaw, Anchorage October 2025
State of Montana v Richard Hartman	Pickup Truck v Horse Criminal Defense Billings, Montana January 2026
State of Alaska v Tessa Sellars	Three Auto Crash Binnacle Dr. and Knik Goose Bay, Wasilla Criminal Defense January 2026

\*Partial list only

Approximately 2000 traffic collision investigations conducted. Approximately 350 fatal/critical injury collision investigations conducted.

## **INSTRUCTOR EXPERIENCE COLLISION / RECONSTRUCTION INVESTIGATION**

Police Reserve Academy, 1995  
Basic Collision Investigation  
Anchorage, Ak.

Police Academy, 1996  
Basic Collision Investigation  
Anchorage, Ak.

In-service training for patrol officers. Collision Investigation. June, 1997. Anchorage, Ak.

Training memo prepared. "Investigation of Motorcycle Accidents". Circulated to APD patrol officers.

In-service training for patrol officers in Collision Investigation. 1997

### **Accident Investigation I**

The Traffic Institute, Northwestern University  
80 hours of "at scene" investigation, Dec. 2 - 12, 1997.  
Anchorage, Ak. October 1998, Anchorage, AK.

### **Accident Investigation II**

The Traffic Institute, Northwestern University  
80 hours of "analyzing scene data",

February 2 - 13, 1998, Anchorage, AK.

January 1999, Anchorage, AK

### **Progressive Accident Investigation**

40 hours. October 2000  
Anchorage, AK

### **Intermediate Traffic Accident Investigation**

40 hours. February 2005  
Twin Falls, Idaho

## **INSTRUCTOR EXPERIENCE - INTOXIMETER 3000**

Police Academy Training, Anchorage, Ak. 1993 - 2002  
Recertification of APD officers, Anchorage, Ak. 1993 – January 2002.

## **INSTRUCTOR EXPERIENCE - RADAR and LASER, DWI**

### **Police Academy Training, Anchorage, AK.**

Nov. 1997      Feb. 9, 1997  
Feb. 12, 1997    Nov. 1997

### **Laser Speed Gun Training.**

Jan. 1996.  
May 1996.  
June 1997 and June 1999.  
Oct. 2001  
Nov. 2001  
Dec. 2001  
Jan. 2002  
Feb 2005

### **Moving Radar Training**

Sept. 1995  
Feb. 1996  
Oct. 1997  
Nov. 1997  
Alaska State Trooper Academy, Sitka, AK. Dec. 1999

### **DWI, Standardized Field Sobriety Testing, HGN**

In service training for Anchorage Police Patrol Officers 1992  
Anchorage Police Training Academy 1993-2002.  
In service training for Anchorage Police Patrol Officers 1999 – 2002

### **Laser/Radar Instructor School**

Training Alaska State Troopers and Police Officers from around Alaska to be instructors in Radar and Laser Enforcement. June, 1998

### **Laser/Radar Instructor School**

Anchorage, AK. May, 2002.

## **INVESTIGATIVE TRAINING**

Crime Scene Preservation  
8 hours training, 1974  
Anaheim Police Department

Visual Investigations (flow charts)  
8 hours training. June 22, 1977  
Calif. Department of Justice.

Conspiracy Seminar  
8 hours training. January 26, 1979  
Calif. Department of Justice.

Protective Services Techniques  
36 hours training. August 1980.  
Calif. Department of Justice.  
(VIP Protection)

Gambling Investigations  
40 hours training. Sept. 1980  
Calif. Department of Justice.

Field Training Officer  
40 hours training. June 1986  
Anchorage Police Department

Auto Theft Investigations  
16 hours training. October 1987  
Alaska Peace Officers Association  
Anchorage, AK.

Forensic Mapping Specialist  
40 hours training. June 1996  
Sokia Set 5 Total Station Mapping System.

Reid Technique of Interviewing and Interrogation  
24 hours training. May 1991.  
John Reid and Associates.

**Investigative Training, continued.....**

Reid Advanced Interrogation Techniques  
24 hours training. Sept. 1993.  
John Reid and Associates.

Narcotics Investigation Training Program  
3 months. Sept. – Nov. 1995  
Anchorage Police Department.

Knock and Talk  
4 hours training. Oct. 1997  
Anchorage, AK  
WSIN, Tom McCabe, Instructor

**OVERVIEW OF LAW ENFORCEMENT EXPERIENCE**

1971 - 1972  
Police Cadet with Anaheim Police Department  
Dispatch and Property section,

1972- 1974  
Patrolman with Anaheim Police Department

1974 - 1979  
Investigator: Anaheim Police Department, Narcotics Division

1979 - 1981  
Investigator: Anaheim Police Department, Vice Division.

1981 - 1982  
Police Officer, Anchorage Police Department, Warrant Section.

1982 - 1985  
Patrolman: Anchorage Police Department.

1985 - 1986  
Anchorage Police Traffic Section

1986 - 1988  
Patrolman: Anchorage Police Department

1988 - 1992  
Anchorage Police Traffic Section

1992 - 1995  
Anchorage Police Patrol Division.

1995  
Investigator: Anchorage Police General Investigations Unit.

1995 - 1997  
Anchorage Police Traffic Section  
DWI enforcement.

1996 - 2002  
APD Major Accident Investigation Unit.

1997 - 2002: Anchorage Police Patrol Division

\*End of Curriculum Vitae\*