



Jeffrey N. Rhue
The Accredited Collision Examination Specialists Inc.
Collision Reconstructionist
ACTAR #1802

CURRICULUM VITAE

Education

1996 Central Washington University
Bachelor of Arts Degree: Law and Justice - Minor: Psychology

Experience

2025 – Present **The ACES Inc.**

1996 - 2025 **Washington State Patrol**
Trooper/Detective

- Traffic Law Enforcement – State Trooper responsible for enforcing traffic laws and investigating collisions on the Interstate Highways and State Routes in King County.
- Collision Investigation/Reconstruction and General Investigations – Responsible for the investigation of traffic and non-traffic felonies occurring in Snohomish, Skagit, Whatcom, Island and San Juan Counties. ACTAR accredited traffic accident reconstructionist.
- Crime Scene Response (CSRT)

1988 – 1992 **United States Marine Corps**

Professional Training

- NAPARS – Tires and Wheels in Crashes (Bill Woehrle), 2 hours, June 2026
- Crash Reconstruction Utilizing Human Factors Research, Driver Research Institute, 40 hours, April 2026
- W.A.T.A.I. Conference – Seminar Topics: Advanced Driver Assistance Systems (ADAS) (Braydon Bourne), Expert witness testimony in Civil and Criminal cases, 16 hours, May 2026
- NAPARS – Bicycle and e-Bike Crash Analysis (Roman Beck), 2 hours, May 2026
- Crash Reconstruction Utilizing Human Factors Research, Driver Research Institute, 40 hours, May 2026
- NAPARS – So You Have a Motorcycle Crash. Now What? (Wade Bartlett), 2 hours, April 2026
- NAPARS – Intro to MVA Occupant Kinematics (Greg Sullenberger), 2 hours, March 2026

- NAPARS – Anatomy for the Crash Analyst (Cameron Trepeck), 2 hours, February 2026
- NAPARS – Hydroplaning (Alan Moore), 2 hours, January 2026
- NAPARS – Beyond the Last Precrash Speed Value (Wade Bartlett), 2 hours, December 2025
- NAPARS – Investigating Emergency Vehicle Crashes (Chris Daly), 2 hours, November 2025
- FARO Zone Essentials Training, FARO, October 2025
- NAPARS – Use of non-CDR data sources (Patrick Ryan), 2 hours, October 2025
- W.A.T.A.I. Conference – Seminar Topics: MC Recon, Examining ΔV from an EDR, Sideswipes, Beyond precrash speed (Wade Bartlett), 24 hours, October 2025
- NAPARS – 2024 MTSC Pedestrian Crash Test Review (Adam Hyde, Greg Russell), 2 hours, September 2025
- NAPARS – Motorcyclist Airbag PPE (Andre Doria), 2 hours, July 2025
- GNSS Forensic Mapping with Trimble Forensics Capture 2025, Trimble, 8 hours, July 2025
- NAPARS – Examining Delta V from EDR File with Excel (Wade Bartlett), 2 hours, June 2025
- W.A.T.A.I. Conference – Seminar Topics: AXON Investigate, Forensic Video Analysis (Josh Guthrie, Rhiannon Demings), Case Studies and Technology Update, Monte Carlo Analysis, 16 hours, May 2025
- Washington Homicide Investigators Association Annual Conference, 20 hours, May 2025
- NAPARS – The Successes, Limitations, and Future of AEB, Dr. David Kidd, 2 hours, April 2025
- 2025 CTS First Semester Training, Washington State Patrol, 6 hours, March 2025
- NAPARS – TBI in Low Severity Crashes, Stephen Wagner, 2 hours, January 2025
- NAPARS – UAS Crime Scene Videography, Gerald Baum, 2 hours, December 2024
- NAPARS – Body Language, Alan Moore, 2 hours, November 2024
- 2024 CTS Second Semester Training, Washington State Patrol, 6 hours, October 2024
- W.A.T.A.I. Conference – Seminar Topics: ADAS Systems / Emerging Technologies Present in Late-Model Vehicles (Alan Moore, Wesley Van Diver), 24 hours, October 2024
- NAPARS – Crash Analysis with EDR Data, Michael Weyde, 2 hours, September 2024
- NAPARS – Counterfeit Airbags, Thomas Nichols, 2 hours, July 2024
- Hyundai-Kia & Tesla EDR Tools Technician, IPTM, 16 hours, July 2024
- NAPARS – Crash Investigation Photography and Forensics, Tom Vadnais, 2 hours, June 2024
- 2024 CTS First Semester - ADAS and Autonomy, Washington State Patrol, 6 hours, June 2024
- W.A.T.A.I. Conference – Seminar Topic: Motorcycle Collision Investigation (Andre Doria, Lee Parks, and Danny Roberts), 16 hours, May 2024
- NAPARS – Critical Speed Yaw, Wade Bartlett, 2 hours, March 2024
- NAPARS – Determining Vehicle Speed from an Audio Recording, Alan Moore, 2 hours, February 2024
- NAPARS – Nighttime Crash Scene Investigation, Dr. Jeffrey Muttart, 2 hours, January 2024
- NAPARS – Monte Carlo Analysis, Wade Bartlett, 2 hours, December 2023
- NAPARS – Reconstructing Red Light Running Crashes, Soan Chau, 2 hours, October 2023
- W.A.T.A.I. Conference – Seminar Topics: Crash Testing (Muir), Video Analysis, Crash Analysis and Closing Speeds (Russell), 24 hours, October 2023

- sUAS and GNSS Update, Washington State Patrol, 6 hours, September 2023
- NAPARS – Heavy Vehicle Collision Mitigation Systems, David Plant, Wes Grimes, and Tim Cheek, 2 hours, September 2023
- NAPARS – A.D.A.S. and Accident Reconstruction, Alan Moore, 2 hours, August 2023
- Event Data Recorder Use in Traffic Crash Reconstruction – Level 1, IPTM, 40 hours, August 2023
- NAPARS – Heavy Vehicle EDR Update, James Loftis, 2 hours, July 2023
- NAPARS – Introduction to Digital Video Analysis for Crash Reconstruction, Joe Warren, 2 hours, June 2023
- Part 107 Small UAS Recurrent, FAA, June 2023
- Washington Homicide Investigators Association Annual Conference, 20 hours, May 2023
- W.A.T.A.I. Conference – Seminar Topics: Back to Basics (Greg Wilcoxson, Jerry Cooper, Adam Hyde, Wade Bartlett, Greg Russell), 24 hours, May 2023
- Staged Collisions (Car v. Car and Motorcycle), Washington State Patrol, 8 hours, May 2023
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, May 2023
- World Reconstruction Exposition (WREX) 2023, 40 hours, April 2023
- Interview and Interrogation, Calibre Press, 12 hours, November 2022
- W.A.T.A.I. Conference – Seminar Topics: Traffic Signals and Collision Reconstruction (Daren Marceau), 16 hours, October 2022
- Semi-annual Technical Collision Investigator Training, Washington State Patrol, 8 hours, September 2022
- Semi-annual Technical Collision Investigator Training, Washington State Patrol, 6 hours, June 2022
- W.A.T.A.I. Conference – Seminar Topics: Advanced Reconstruction with EDR Applications (Greg Russell), 16 hours, May 2022
- Advanced Collision Reconstruction Tactics, Jerry Cooper – Washington State Patrol, 16 hours, January 2022
- Technical Collision Investigator In-Service, Washington State Patrol, 6 hours, December 2021
- W.A.T.A.I. Conference – Seminar Topics: Identification and Application of Humans Factors and Visibility Issues in Traffic Collision Reconstruction (Messerschmidt, Sobek, Dinakar, Llyod), 16 hours, October 2021
- W.A.T.A.I. Conference – Seminar Topics: GoPro Usage in Collision Recon (Greg Russell), Heavy Truck Update (Wilcoxson, Plant, Grimes), 3D Forensic Methodologies (Eugene Liscio), Autonomous Vehicles/ADAS (Alan Moore), Utilizing Toyota Techstream (Brad Muir), EDR Download Updates (Kent Boots), 18 hours, May 2021
- Forensic X7 Operations with Capture, Trimble, 8 hours, May 2021
- Part 107 Small UAS Recurrent, FAA, April 2021
- 2021 Reconstruction In-Service/Recertification, Washington State Patrol, 6 hours, April 2021
- Technical Collision Investigator In-Service Part 2, Washington State Patrol, 6 hours, March 2021
- Technical Collision Investigator In-Service Part 1, Washington State Patrol, 2 hours, September 2020
- W.A.T.A.I. Conference – Seminar Topics: CDR 900 (Brad Muir), 8 hours, November 2019
- W.A.T.A.I. Conference – Seminar Topics: Crash Data Analysis, 8 hours, May 2019

- Technical Collision Investigator Re-Certification, Washington State Patrol, 6 hours, April 2019
- Force Science Certification Course, Force Science Institute, 40 hours, March 2019
- Trimble Reveal 2.0, Washington State Patrol, 8 hours, January 2019
- W.A.T.A.I. Conference – Seminar Topic: Crash Testing, Crash Analysis (Brad Muir and Greg Russell), 19 hours, October 2018
- W.A.T.A.I. Conference – Seminar Topics: Forensic Video Analysis (Andrew Fredericks), 8 hours, May 2018
- Washington Homicide Investigators Association Annual Conference, 20 hours, May 2018
- sUAS/PIX4D Training Course, Washington State Patrol, 24 hours, May 2018
- Technical Collision Investigator Re-Certification, Washington State Patrol, 6 hours, February 2018
- National Traffic Incident Management Responder Training Program, Washington State Patrol, 4 hours, January 2018
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 4 hours, January 2018
- Semi-annual Technical Collision Investigator Training, Edge FX, Washington State Patrol, 6 hours, November 2017
- W.A.T.A.I. Conference – Seminar Topics: UAV's, Momentum, Time and Distance (Greg Russell), 8 hours, September 2017
- W.A.T.A.I. Conference – Seminar Topics: Expert Testimony (DPA Freedheim, Judge Williams) Case Presentations, 16 hours, May 2017
- Body Cameras and other Recordings in Law Enforcement, Force Science Institute, 16 hours, May 2017
- Technical Collision Investigator Re-Certification, Washington State Patrol, 6 hours, April 2017
- W.A.T.A.I. Conference – Seminar Topics: Computer Simulations (PC Crash, HVE), WREX 2016 Presentations, 24 hours, October 2016
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, October 2016
- Critical Incident Training, CJTC, 8 hours, September 2016
- Advanced Motorcycle Crash Analysis, Wade Bartlett, 40 hours, May 2016
- W.A.T.A.I. Conference – Seminar Topics: Special Topics in Collision Reconstruction (Wade Bartlett), 16 hours, May 2016
- Video Forensics, Grant Fredericks – Forensic Video Solutions, 4 hours, March 2016
- Semi-annual Technical Collision Investigator Training, FARO 3D Scanner, Washington State Patrol, 6 hours, December 2015
- NW Forensic Scanning Conference, PPI Group, 8 hours, November 2015
- W.A.T.A.I. Conference – Seminar Topics: Optics, Lighting, Visibility & Digital Photography for Forensic Investigators (James Sobek and Kevin Johnson), 24 hours, October 2015
- 3D Laser Scanner Operators Course, Washington State Patrol, 32 hours, August 2015
- 5 Day EdgeFX Comprehensive Diagramming, Visual Statement, 40 hours, August 2015
- Force Science Basic Course, Force Science Institute, 16 hours, August 2015
- W.A.T.A.I. Conference – Seminar Topics: Traffic Signals and Collision Reconstruction (Daren Marceau), 16 hours, May 2015
- Technical Collision Investigator Re-Certification, Washington State Patrol, 6 hours, March 2015
- 3D Laser Scanning for Forensic Scene Mapping, PPI Group, 8 hours, November 2014

- CDR Technician Certification Course – Level 1&2, Collision Safety Institute, 16 hours, July 2014
- Crime Scene Photography, Washington State Patrol, 6 hours, May 2014
- W.A.T.A.I. Conference – Seminar Topic: Crash Testing, CDR Update (Brad Muir), the Influential Witness (Robert Stearns) 32 hours, October 2014
- W.A.T.A.I. Conference – Seminar Topic: Low Speed Impact Analysis and Testing (Robert Stearns), Injury Causation in Low-Speed Impacts (Dr. Rick Robertson) 16 hours, May 2014
- Time and Distance Intersection Studies, Washington State Patrol, 6 hours, May 2014
- Crime Scene Reconstruction and Analysis, Green Forensics, 40 hours, March 2014
- 3D Laser Scanning for Forensic Mapping, PPI Group, 8 hours, November 2013
- W.A.T.A.I. Conference – Seminar Topic: Advanced Reconstruction Concepts (Greg Russell) 24 hours, October 2013
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, October 2013
- Introduction to Motorcycle Collision Reconstruction, Washington State Patrol –I.T.S., 8 hours, September 2013
- Washington Homicide Investigators Association Annual Conference, 24 hours, May 2013
- Technical Collision Investigator Re-Certification, Washington State Patrol, 4 hours, March 2013
- W.A.T.A.I. Conference – Seminar Topic: Monte Carlo Analysis Methods applied to Crash Reconstruction (Roger Barrette, MSE), Damage Energy Analysis Review (Greg Wilcoxson and Eric Hunter), 16 hours, October 2012
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, October 2012
- CAD Zone, Washington State Patrol, 8 hours, June 2012
- Vehicle Acceleration and Vericom Computer Familiarization for Traffic Crash Investigation, Vericom Computers, 16 hours, May 2012
- W.A.T.A.I. Conference – Seminar Topic: Hybrid/Electric Vehicle Safety and New Vehicle Technology - MGS Tech (Matt Stroud), 8 hours, May 2012
- CAD Zone, Washington State Patrol, 8 hours, December 2011
- W.A.T.A.I. Conference – Seminar Topics: Human Factors in Collision Reconstruction (Pat Robbins), Vehicle Inspections, Documentation, Impact Analysis, Collection of Evidence from the Vehicle and Courtroom Testimony (Dr. Kenneth Zion), 24 hours, October 2011
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, October 2011
- Lethal Weapon: Vehicular Assault/Homicide Crimes, Washington State Traffic Safety Resource Prosecutor Program, 16 hours, July 2011
- W.A.T.A.I. Conference – Seminar Topics: Unique Aspects of Car/Pole Collisions (Joe Cofone), Automotive Glass Coding/Low Speed Impacts/HID Lamp Exams (Dr. Kenneth Zion), 8 hours, May 2011
- Washington State Patrol Detectives CID Summit – Topic: Critical Incident Response, Washington State Patrol, 8 hours, May 2011
- Technical Collision Investigator Re-Certification, Washington State Patrol, 6 hours, March 2011
- Collision Scene Diagramming, Washington State Patrol, 8 hours, December 2010
- Engineering Dynamics Corporation HVE-CSI, I.T.S., 8 hours, November 2010
- W.A.T.A.I. Conference – Seminar Topics: Traffic Signals and Collision Reconstruction (Daren Marceau), 24 hours, October 2010

- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, October 2010
- Roadway Evidence, Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, June 2010
- W.A.T.A.I. Conference – Seminar Topics: Expert Witness Testimony, 8 hours, May 2010
- Microanalysis for the Collision Investigator, Washington State Patrol, 8 hours, March 2010
- Crush Energy Analysis, Accident Analysis & Reconstruction, 40 hours, March 2010
- Occupant Kinematics, Washington State Patrol, 8 hours, December 2009
- W.A.T.A.I. Conference – Seminar Topics: Staged Crashes (CSI), Momentum and Vector Diagramming (Greg Russell), Occupant Kinematics (Rob Kaufman), 24 hours, October 2009
- Pedestrian Collision Reconstruction, Accident Analysis & Reconstruction, 40 hours, July 2009
- W.A.T.A.I. Conference – Seminar Topics: Lighting and Visibility Issues (James Sobek and Kevin Johnson), 8 hours, May 2009
- Technical Collision Investigator Re-Certification, Washington State Patrol, 6 hours, February 2009
- Crash Data Retrieval System/Event Data Recorders, Washington State Patrol, 8 hours, December 2008
- Sokkia/Total Station training, Washington State Patrol, 4 hours, November 2008
- Human Factors for Traffic Crash Reconstruction, ADRC - Jeff Muttart, 40 hours, October 2008
- W.A.T.A.I. Conference – Seminar Topic: Heavy Vehicle Accident Reconstruction, 24 hours, October 2008
- Train Grade Crossing Collisions, Washington State Patrol, 8 hours, September 2008
- W.A.T.A.I. Conference – Seminar Topics: Forensic Analysis of Seat Belt Systems & Occupant Kinematics, 8 hours, May 2008
- Grade Crossing Collision Investigation, BNSF Railway & Union Pacific Railroad, 8 hours, March 2008
- Motorcycle Crash Analysis, Washington State Patrol - I.T.S., 8 hours, May 2008
- Staged Collisions (Car v. Car and Car v. Pedestrian), Washington State Patrol, 8 hours, October 2007
- W.A.T.A.I. Conference – Seminar Topics: Yaw Mark Testing & Drag Sleds versus Electronic Devices to obtain Friction Values (Wade Bartlett), 8 hours, October 2007
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, October 2007
- Advanced Collision Reconstruction, Accident Analysis & Reconstruction, 40 hours, May 2007
- W.A.T.A.I. Conference – Seminar Topic: Post-Impact Trajectories and Other Physics Applications to Collisions (Bruno Schmidt, Ph.D.), 8 hours, May 2007
- Tech/Recon Workshop, I.T.S., 8 hours, April 2007
- 2007 Technical Collision Investigators In-Service and Re-Certification, Washington State Patrol, 16 hours, February 2007
- Police Photography, FBI- Washington State Criminal Justice Training Commission, 40 hours, February 2007
- Human Factors in Collision Reconstruction, IPTM, 40 hours, October 2006
- W.A.T.A.I. Conference – Seminar Topic: Staged Collisions, New AR Technologies, 24 hours, October 2006
- Advanced Course on The Reid Techniques of Interview and Interrogation, John E. Reid and Associates, 8 hours, August 2006

- Motorcycle Collision Reconstruction, Washington State Patrol - I.T.S., 36 hours, April 2006
- Practical Homicide Investigation, Vernon Geberth-PHI, 24 hours, April 2006
- 2006 Technical Collision Investigators In-Service, Washington State Patrol, 16 hours, January 2006
- W.A.T.A.I. Conference – Seminar Topic: Staged Collisions (CSI), 16 hours, October 2005
- Basic Homicide Investigation, Washington State Attorney General's Office - HITS, 40 hours, October 2005
- Reid Method of Interview and Interrogation, Wicklander-Zulawski, 32 hours, August 2005
- Washington State Patrol Detective Basic, Washington State Patrol, 40 hours, August 2005
- Pedestrian/Bicycle Collision Investigation, IPTM, 40 hours, August 2005
- W.A.T.A.I. Conference – Seminar Topic: Translational Yaw, 8 hours, May 2005
- Technical Collision Investigator Re-Certification, Washington State Patrol, 6 hours, March 2005
- Criminal Investigation, Washington State Criminal Justice Training Commission, 40 hours, November 2004
- W.A.T.A.I. Conference – Seminar Topics: Speed Analysis, Tire Mark Interpretation, Altered Vehicle Heights, Momentum, PDOF, and Delta V, 16 hours, October 2004
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, July 2004
- PhotoModeler Pro (Photogrammetry), Washington State Patrol, 24 hours, July 2004
- Crime Scene Video, Washington State Criminal Justice Training Commission, 32 hours, May 2004
- Crash Zone/Crime Zone, CAD Zone- Washington State Patrol, 20 hours, April 2004
- Collision Investigation Reconstruction, Washington State Patrol, 139 hours, March 2004
- Trimble Total Station Certification, Washington State Patrol, 32 hours, October 2003
- Interviewing Techniques, FBI- Washington State Criminal Justice Training Commission, 32 hours, August 2003
- Staged Collisions (Car v. Car and Motorcycle), Washington State Patrol, 8 hours, June 2003
- Coefficient of Friction, Acceleration Testing, Washington State Patrol, 8 hours, June 2003
- Total Station Crime Scene Mapping, Washington State Criminal Justice Training Commission, 40 hours, April 2003
- Crime Scene Investigation Basic, Washington State Criminal Justice Training Commission, 40 hours, February 2003
- Technical Collision Investigator Certification, Washington State Patrol, 4 hours, October 2002
- Introduction to Photogrammetry, Washington State Patrol, 8 hours, November 2002
- Tire Damage Analysis, Michelin, 8 hours, July 2002
- Cross-Training - Washington State Patrol Bellevue Traffic Investigation Division, 40 hours, June 2002
- Cross-Training - Washington State Patrol Major Accident Investigation Team (M.A.I.T.), 40 hours, May 2002
- W.A.T.A.I. Conference – Seminar Topics: Crash Data Retrieval Systems – An Overview, Occupant Kinematics, 8 hours, May 2002
- Data Collection and Collision Analysis, I.T.S., 8 hours, October 2001
- Collision Investigation Technical, Washington State Patrol, 102 hours, April 2001
- Collision Investigation Advanced, Washington State Patrol, 65 hours, December 2000

Professional Experience

- Investigated or assisted with the investigation of more than 2000 motor vehicle collisions, 500 of which involved a felony or fatality.
- Processed more than 170 major crime scenes as a member of the Washington State Patrol Crime Scene Response Team (CSRT), the Snohomish County Multiple Agency Response Team (SMART) or the Skagit County and Island County Multiple Agency Response Team (SMART).
- Frequently taught investigation and collision investigation courses at the Washington State Patrol Academy.
- Experience and training in the following computer programs: AutoCAD, FARO Zone, CAD Zone, Trimble Reveal, Visual Statement, Trimble RealWorks, PhotoModeler Pro, Pix4D, Axon Investigate and Microsoft Office. Experience with digital imaging and video editing software.
- Remote Pilot Certification (FAA Part 107)

Professional Associations

- Accreditation Commission for Traffic Accident Reconstruction (ACTAR) #1802
- Washington Association of Technical Accident Investigators (WATAI) since 2003
- Board of Directors - Washington Association of Technical Accident Investigators (WATAI) 2008 – 2024
- Washington Homicide Investigators Association (WHIA) 2013 - 2025
- Washington State Patrol Collision Investigation Committee (CIC) 2014 - 2025
- National Association of Professional Accident Reconstruction Specialists (NAPARS) since 2023