

BRENT R. GRAHAM, ACTAR

EDUCATION:

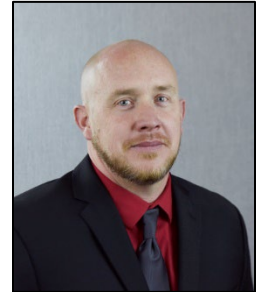
B.B.A. Marketing, Colorado Mesa University

REGISTRATION:

Accredited Traffic Accident Reconstructionist (ACTAR), Registration No. 2560

EXPERIENCE:

Director of Accident Reconstruction, Knott Laboratory, LLC January 2025 to present
Accident Reconstruction Manager, Knott Laboratory, LLC January 2024 to January 2025
Project Manager, Knott Laboratory, LLC March 2021 to January 2024
Owner/Reconstructionist, Blue Line Reconstruction, LLC June 2017 to March 2021
Trooper, Vehicular Crimes Unit, Colorado State Patrol, November 2010 to June 2017
Trooper, Colorado State Patrol, June 2007 to November 2010



ACCIDENT RECONSTRUCTION:

Formerly at the Colorado State Patrol and Blue Line Reconstruction, Mr. Graham has performed hundreds of investigations and reconstructions of high and low-speed motor vehicle accidents involving passenger cars, motorcycles, pedestrians, bicycles, and commercial vehicles. During this time, the majority of Mr. Graham's cases consisted of fatal, felony, and/or high-profile cases. His experience includes the initial on-scene investigation and gathering of evidence. His reconstructions would require the use of conservation of energy and conservation of momentum analysis to determine the speed of vehicles involved in accidents, occupant injury analysis, driver reaction, and time/space relationships and analysis. Mr. Graham's investigations often involve analysis of vehicle dynamics, vehicle safety, human factors and visibility investigations. Frequent aspects of these investigations also involve a mechanical evaluation of the vehicle which looked for mechanical failure and performance of the brakes, tires, seat belts, and airbags.

ACCIDENT RECONSTRUCTION TECHNOLOGIES:

Mr. Graham frequently utilizes the latest technologies available in accident reconstruction throughout all analysis stages, from gathering evidence through accident reconstruction and accident simulation. The majority of his cases involved laser mapping of the scene and importing that data into computer-aided diagramming and animation computer software packages to view the evidence and gather detailed measurements in virtual space. In addition, as a technician certified in Bosch crash data retrieval, Mr. Graham has retrieved and analyzed crash data from electronic data recorders in numerous passenger vehicles. After reconstructing an accident, Mr. Graham often simulates the accident using advanced crash simulation software.

EXPERT TESTIMONY:

As a result of Mr. Graham's investigations and analyses, he had provided expert witness testimony in court and sat as an advisory witness for the District Attorney's Office. Mr. Graham's work has been for both plaintiffs and defendants in the areas of vehicular accident reconstruction.

INVESTIGATION AND POLICING:

Mr. Graham investigations with the Colorado State Patrol also included gathering of physical evidence, video/digital photography, searches, and data gathering to include cell phone records and GPS to map location and path of travel. Mr. Graham's was previously a Post Certified Driving Instructor and Field Training officer. He has experience with DUI enforcement and impairment identification, use of force and de-escalation, critical incident/emergency management, and community policing.

TECHNICAL CONFERENCES AND SEMINARS

1. "2026 Symposium on EDR Research and Training." Training. Chattanooga, TN. 14-16 April 2026
2. "Law Enforcement Investigation and Documentation of a Crash Scene." Presenter. Denver, CO. 27 February 2026
3. "Matchmoving and Object Tracking." Training. Denver, CO. 1 August 2025
4. "Understanding and Using the MUTCD." Training. Denver, CO. 18 July 2025
5. "Point Clouds - Point Cloud Registration and Processing Tools." Training. Denver, CO. 30 May 2025
6. "Forensic Investigations." Training. Denver, CO. 2 May 2025
7. "Survey without suffering? An intro to Knott's new RTK drone." Training. Denver, CO. 25 October 2024
8. 2024 User Form. Driver Research Institute. Training. Long Beach, CA. 18-20 Feb. 2024.
9. 2023 Trial Academy. Colorado Defense Lawyers Association. Denver, CO. 20-22 Apr. 2023.
10. "Heavy Vehicle Electronic Control Module Data Use in Crash Reconstruction." Training. Austell, GA. 13 May 2022.
11. "PhotoModeler for Collision Investigation." Training. PhotoModeler Technologies. Denver, CO. 24-27 Jan. 2022.
12. "Event Data Recorder Use in Traffic Crash Reconstruction – Level 1." Training. Institute of Police Technology and Management. Denver, CO. 7 Dec. 2021.
13. "Virtual CRASH Self-Paced Training Course: vCRASH Interface. Training. Virtual CRASH Accident Reconstruction Software. Denver, CO. 27 Oct. 2021.
14. "Virtual CRASH Self-Paced Training Course: Simulation Basics. Training. Virtual CRASH Accident Reconstruction Software. Denver, CO. 27 Oct. 2021.
15. "Virtual CRASH Self-Paced Training Course: Pedestrian Impacts 1. Training. Virtual CRASH Accident Reconstruction Software. Denver, CO. 27 Oct. 2021.
16. "Virtual CRASH Self-Paced Training Course: Building Vehicles 1. Training. Virtual CRASH Accident Reconstruction Software. Denver, CO. 27 Oct. 2021.
17. "Virtual CRASH Self-Paced Training Course: Building Environments. Training. Virtual CRASH Accident Reconstruction Software. Denver, CO. 27 Oct. 2021.
18. "Virtual CRASH Self-Paced Training Course: Advanced Analyses 2. Training. Virtual CRASH Accident Reconstruction Software. Denver, CO. 27 Oct. 2021.
19. "Virtual CRASH Self-Paced Training Course: Advanced Analyses 1. Training. Virtual CRASH Accident Reconstruction Software. Denver, CO. 27 Oct. 2021.
20. "Auto/Pedestrian Collision Investigation Training." Colorado Accident Reconstruction Training Standards. (CARTS) 2015

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21. "CDR (Crash Data Retrieval) Analysis and Applications Course Update." Training. Crash Data Specialists. 2015
22. "Driving Instructor Skills Enhancement". Colorado State Patrol Academy. 2013
23. "Tahoe Familiarization Class". Colorado State Patrol Academy. 2012
24. "CDR (Crash Data Retrieval) Operators and Analysis." Training. Crash Data Specialists. 2012
25. "ARAS 360 HD Advanced 3D Computer Diagramming and Animation for Incident Reconstruction." Training. Colorado State Patrol Academy. 2012
26. "ARAS 360 Advanced 3D Computer Diagramming for Crash Reconstruction." Training. Colorado State Patrol Castle Rock, CO 2011
27. "Charger Formularization Class Track". Colorado State Patrol Academy. 2011
28. "Vehicle Systems (Mechanical Inspections)." Training. Colorado State Patrol Academy. 2011
29. "Post Driving Instruction". Colorado State Patrol Academy. 2010
30. "3 Day Pursuit School". Colorado State Patrol Academy. 2010
31. "Level IV Accident Reconstruction." CARTS. Training. Colorado State Patrol Academy. 2010
32. "Level III Accident Reconstruction." CARTS. Training. Colorado State Patrol Academy 2010
33. "Level II Accident Reconstruction." CARTS. Training. Colorado State Patrol Academy 2009
34. "Law Enforcement Driving-Nighttime Pursuit Driving". Colorado State Patrol Academy. 2007
35. "Rapid Emergency Deployment/Stop Stick Training". Colorado State Patrol Academy. 2007
36. "Tactical Vehicle Intervention". Colorado State Patrol Academy. 2007
37. "Tactical Roadblocks". Colorado State Patrol Academy. 2007
38. "Level I Accident Investigation." CARTS. Training. Colorado State Patrol Academy. 2007