JASON P. EVANS, M.B.A, B.S.

EDUCATION:

M.B.A., Business Administration with Emphasis in Data Analytics, Abilene Christian University
B.S. Engineering, Nuclear Power, Excelsior University
U.S. Navy Nuclear Power Program

EXPERIENCE:

Senior Project Manager, Knott Laboratory, LLC, Centennial CO, January 2026 to Present
Project Manager, Knott Laboratory, LLC, Centennial CO, January 2025 to December 2025
Mechanical Engineer, Knott Laboratory, LLC, Centennial CO, January 2021 to December 2024
Police Officer, Grand Junction Police Department, Grand Junction, CO, January 2014 to December 2020
US Navy - Test Director/Work Controls Coordinator, U.S. Navy, Pearl Harbor Naval Shipyard, October 2010 to November 2013
US Navy – Submarine Nuclear Trained Electrician, U.S. Navy, USS Columbia (SSN-771), February 2006 to October 2010

INCIDENT RECONSTRUCTION:

Mr. Evans has performed investigations and reconstructions of different types of critical incidents which include shootings, complex crime scenes and past events. He uses photogrammetry and videogrammetry combined with point clouds to perform complex 3D engineering analysis. He forensically analyzes videos and digital evidence (Body Worn Cameras, surveillance footage, digital photographs, cell phone videos and etc.) for incident scene reconstruction. He uses matchmoving, motion capture and forensic animation to provide a clear understanding of complex engineering analysis. His investigation experience included product liability investigations, premises liability investigations, workplace safety investigations, heavy equipment investigations, and others. He investigates high and low-speed motor vehicle accidents involving passenger cars, motorcycles, pedestrians, bicycles, and commercial vehicles. His experience includes the use of conservation of energy and conservation of momentum analysis to determine the speed of vehicles involved in accidents, crashworthiness of vehicles, occupant compartment intrusion, driver reaction, and time/space relationships and analysis. Mr. Evans' investigations often involve analyzing vehicle dynamics, vehicle safety, human factors, and visibility studies. Frequent aspects of these investigations also involve evaluating the performance of brakes, tires, seat belts, and airbags. Mr. Evans has also employed reconstruction techniques to analyze injury incidents and industrial accidents.

INVESTIGATION:

Mr. Evans has seven years of law enforcement experience and extensive investigative skills. Mr. Evans has spent hundreds of hours interviewing, investigating, and surveying numerous crime scenes, including vehicle accidents, person crimes, and property crimes. Mr. Evans has created detailed reports and documentation, which has resulted in numerous successful convictions and investigations. Mr. Evans has extensive courtroom testimony experience in both criminal and civil courts.

FORENSIC ENGINEERING INVESTIGATIONS:

While at Knott Laboratory, Mr. Evans has conducted, analyzed, and investigated numerous forensic engineering matters involving property damage, personal injury, and death, including, but not limited to:

- Incident Reconstruction
  - Photogrammetry
  - Videogrammetry
  - Camera Matching
  - Object Matching
  - Matchmoving

- Premises Liability
  - Slips-and-falls, including those related to snow and ice accumulation and mitigation (snow and ice removal)
  - Slip-resistance, Tribology, and Tribometry
  - Sweep logs and property inspections for pedestrian safety
  - Trips-and-falls, step-and-falls, falls on the same level
  - Building Codes (e.g., IBC, IRC, IFC, IPMC, IPC, IFGC, NFPA, UBC, UPC, local and regional building codes, etc.)
  - Stairway safety
  - Federal Regulations (e.g., ADA, FHA, CFRs, etc.)
  - Pedestrian/Walkway safety
  - Lighting and visibility
  - Fire safety (e.g., fire suppression systems, fire alarms, construction requirements, etc.)
  - Carbon monoxide
- Workplace/Construction Safety
  - Fall Protection (working at heights)
  - Scaffolding
  - Confined Space
  - Crane-related incidents
  - Material handling matters
  - OSHA Regulations
  - Industry specifications and codes (e.g., ASME, ITSDF, NFSI, etc.)
  - Heavy equipment (e.g., implements of husbandry, skid steers, material handling equipment, etc.)
- Property Damage
  - Water losses
  - Commercial and residential plumbing, piping, valves, fittings, tanks, etc.
  - Appliances
  - Fires
  - Moisture intrusion
  - Heavy equipment failures
  - Fire suppression systems
  - Boilers, furnaces, water heaters, etc.
  - Construction defects
  - Building codes (e.g., IBC, IPC, UBC, UPC, IFGC, IECC, etc.)
- Product Defects
  - Safety hierarchy
  - Design defects
  - Manufacturing defects
  - Product recalls
  - CPSC requirements
  - Industry codes, standards, and regulations (e.g., ASME, ISO, etc.)
- Vehicle Crash Reconstruction
  - EDR imaging
  - Visibility studies

- Failure Analyses
  - Valves, Fittings, fixtures, and components
  - Plastic, PEX, and PVC piping
  - Metallic plumbing and piping
  - Gears, bearings, etc.
  - Fatigue analysis
  - Brittle and ductile failures
  - Dezincification, oxidative degradation, environmental stress cracking, and material compatibility matters

SAFETY ENGINEERING:

Mr. Evans has been involved in extensive investigation and analysis of the safety of mechanical products. Mr. Evans' extensive experience, from his military service, in industrial work environments. Mr. Evans regularly investigates workplace accidents involving valves, electrical components, motors, pumps, high-pressure air systems, and hydraulic systems. Mr. Evans has advanced training in Quality Assurance, Safety Work Controls, Re-test Engineering, Nuclear Power, and OSHA workplace safety requirements. Safety investigations typically involve reviewing maintenance records, applying principles of safety engineering, studying human factors, and reconstructing the incident.

PRIOR EMPLOYMENT

Police Officer (January 2014 – December 2020)
Grand Junction Police Department, Grand Junction, Colorado

As a Police Officer assigned to the Special Units Division, Mr. Evans was hand-selected to serve as a School Resource Officer (SRO). Mr. Evans was independently responsible for the safety and security of over 28 schools, staff and students. Provided leadership in technical and procedural guidance on policies and programs. Developed or assisted in the development of investigative policies, procedures, and strategies for public safety and criminal investigations for 28 schools. Mr. Evans responded to calls for service, perform investigations at the scene, planning and conducting investigations of sensitive and complex nature, performs surveillance, interview witnesses, collect/documenting evidence and determine the correct course of action; prepare citations, summonses and writing investigative reports; make arrests and transport individuals; apply for warrants for arrests or search warrants; appear in court to offer testimony relative to the incidents Mr. Evans investigated; write a variety of investigative reports, review cost accounts and records; collect physical evidence; communicate with citizens, senior management and legal representatives and identify issues and determine an effective resolution. Testifying in court proceedings and building cases with sufficient detail, proper emphasis and high degree of accuracy to support prosecution. As a Police Officer assigned to the patrol division, Mr. Evans responded to radio dispatch calls for service; perform investigations at the scene, interview witnesses, performs protection activities, collect evidence and determine the correct course of action; prepare citations and summonses; make arrests and transport individuals; collects, consolidates and evaluates criminal information and intelligence, apply for warrants for arrests or search warrants; appear in court to offer testimony relative to the incidents Mr. Evans investigated; write a variety of investigative reports and records; collect physical evidence; performed surveillance, communicate with citizens and identify issues and determine an effective resolution. Testifying in court proceedings. Mr. Evans served time as a Co-responding Officer, testing BWC, Firearms instructor, CIT certified, and special projects. As a Police Officer Recruit, Mr. Evans attended an academically and physically demanding Colorado POST certified academy at Western Colorado Peace Officer's Academy (WCPOA). The WCPOA was a 15 week intensive program which consisted of extensive training of constitutional and state laws, law enforcement tactics, in depth Defensive Tactics and Arrest Control Techniques training, Emergency and Pursuit Driving Training and 2 weeks of intense Law Enforcement Firearms Training. Colorado POST certified from 2014 - 2023.

United States Navy (July 2004 – November 2013)
Electrician's Mate First Class
PEARL HARBOR NAVAL SHIPYARD (October 2010 - November 2013)

Supervisor / Work Controls Technician / Test Director / Electrician / Watch Stander
As a Supervisor for 3 years, Mr. Evans was responsible for a staff of 46 technicians. Mr. Evans coordinated with our Chief Test Engineer to enforce lock out/tag out requirements and instructions, coordinated work controls and maintenance during complex submarine maintenance availabilities and ensured all technicians were completing their maintenance on time and in accordance with required safety and tag out instructions. Created new operating procedures to improve operations. Providing leadership in technical and procedural guidance on policies and programs. These new procedures created a safer workplace and maximized operations. This leadership was done with little to no direct supervision. As a Work Controls Technician, Mr. Evans worked with multiple different hydraulic, seawater, high/low pressure air, and electrical systems to ensure they were locked out/tagged out safely. I also verified the systems were drained, depressurized and de-energized prior to being repaired. I reviewed technical blueprint drawings ensuring that tag out requirements were met. Mr. Evans reviewed Availability Work Packages and developed work control programs. Mr. Evans ensured industrial safety requirements were maintained onboard submarines and the work sites. Mr. Evans tracked and advised on the retest of ship's systems. Worked as a Test Director directing technicians and engineers during 3 seawater acid flushes of submarine heat exchangers. Mr. Evans directed and supervised military and civilian technicians during these difficult time critical procedures to repair multiple submarines' seawater systems. As the Test Director, Mr. Evans was responsible for the entire procedure and worked with the engineers to solve any issues that arose. I was responsible for the manning of the job, materials, work scheduling and testing. Ensured compliance and adherence to OSHA and federal industry standards.

USS COLUMBIA (SSN-771) (March 2006 - October 2010)

As an Electrician for 9 years, Mr. Evans has performed preventative and corrective maintenance and testing on submarine electrical systems and power plant systems. Repaired and maintained AC/DC distribution system. Mr. Evans performed maintenance/testing on generators, motors, pumps, circuit breakers, lighting systems, diesel generators, DC batteries and motor controllers. Mr. Evans ensured maintenance was coordinated and completed to maximize the submarine's operational capability. As the Automated Oxygen Generator Electrical Technician onboard the USS Columbia, Mr. Evans was responsible for repairing the electrical components on the oxygen generator. Mr. Evans regularly coordinated preventative and corrective maintenance between mechanics and electricians to ensure the oxygen generator was available for constant operation, while ensuring technicians complied with quality standards. As one of the only Oxygen Generator Electrical Technicians onboard, Mr. Evans was regularly asked to perform maintenance that was time critical and required first-time quality completion. As the Electrical Training Coordinator for 2 years, Mr. Evans wrote and gave weekly training for 20+ electricians. Mr. Evans was responsible for determining training and writing long and short-term training plans. Mr. Evans ensured all training requirements were met while maintaining the electrical division's electrical knowledge high. Mr. Evans wrote, gave and graded monthly exams to ensure the training was effective and retained. Mr. Evans also tracked and coordinated qualifications for new electricians and technicians during their qualification process. As Quality Assurance Inspector onboard the USS Columbia, Mr. Evans was responsible for supervising craftsmen assembling Sub Safe and Level 1 components. Mr. Evans verified craftsman followed the correct procedure, assembled the components correctly, and documented the maintenance correctly. This maintenance was crucial to maintain power plant operations. Mr. Evans regularly wrote testing procedures for submarine hull, mechanical and electrical systems. Mr. Evans wrote and gave technical guidance on hydrostatic, flush and operational testing. Mr. Evans regularly performed audits of work packages ensuring quality standards were maintained. As a Power Plant watch-stander for 9 years, Mr. Evans qualified and stood multiple supervisor watch stations that monitored maintenance of craftsman and technicians. As the Shutdown Reactor Operator,

Mr. Evans supervised subordinate watch-standers ensuring they performed their duties and maintenance ensuring the safe operation of the power plant.

NAVY NUCLEAR POWER TRAINING COMMAND (July 2004 - March 2006)

As a Trainee at Electrician's Mate 'A' School, Mr. Evans gained the knowledge of fundamental mathematical concepts; basic electricity, electronics, digital and microprocessor-based equipment, and electrical equipment; interpret schematic diagrams and use appropriate test equipment to isolate and correct faults in both civilian and military electronic systems; and understand and apply principles of industrial safety. After the completion of Nuclear Power School, Mr. Evans has a comprehensive understanding of a pressurized water nuclear power plant, including reactor core nuclear principles, heat transfer and fluid systems, plant chemistry and materials, mechanical and electrical systems, and radiological control. After completion of Nuclear Propulsion Plant Operator School, Mr. Evans was able to describe the fundamentals of nuclear propulsion power and the interrelationship of its mechanical, electrical, and reactor sub-systems; develop and exercise oral communication skills; understand the physical nature of nuclear radiation particles, their detection, interaction with matter, and human health consequences; gain knowledge of the safe operation of a complex nuclear power plant and its sophisticated subsystems with an emphasis on basic industrial safety principles; identify, troubleshoot, and correct problems in nuclear mechanical, electrical, or reactor control systems at the component level with an emphasis on electrical systems; and apply earlier technical classroom knowledge to the practical, safe operation of Navy nuclear power plants.

EXPERT TESTIMONY:

As a result of his investigations and experience, Mr. Evans has been asked to provide testimony as an expert witness over a hundred times. Mr. Evans has testified in both criminal and civil court and has been qualified as an expert witness in the areas of law enforcement.

PROFESSIONAL AFFILIATIONS:

Mr. Evans is a member of the following technical and professional societies:

ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials (ASTM International)
AC	Alpha Chi National Honor Society

PRESENTATIONS:

Force Science Institute Annual Conference – June 2022 – Orlando, FL - Presenter
FBINAA Annual Conference – July 2022 – Cleveland, OH – Presenter
Interpol Webinar – July 2023 – Online - Presenter
AAJ Summer Convention – July 2023 – Philadelphia, PA - Presenter
AAJ Winter Convention - February 2024 – Austin, TX - Presenter
AAJ Summer Convention – July 2024 – Nashville, TN - Presenter
AAJ Summer Convention – July 2025 – San Francisco, CA – Presenter

TECHNICAL CONFERENCES AND SEMINARS

1. "Case Study: Photogrammetry Reconstruction from Helicopter Footage," Presenter. AAJ Summer Convention, San Francisco, CA, July 19, 2025.
2. "Case Study: Photogrammetry Reconstruction from a Police Officer's Body-Worn Camera (BWC) of a Shooting into a Vehicle," Presenter. AAJ Summer Convention, Nashville, TN, July 21, 2024.
3. "Unlocking the Potential of Body-Worn Cameras," Speaker. AAJ Winter Convention, Austin, TX, Feb. 11, 2024.
4. "Officer-Involved Shootings & Critical Incidents: Unlocking the Potential of Body-Worn Cameras," Presenter. AAJ Police Misconduct Litigation Group CE Presentation, Nov. 6, 2023.
5. "Officer-Involved Shootings & Critical Incidents: Unlocking the Potential of Body-Worn Cameras," Speaker. AAJ Summer Convention, Philadelphia, PA, July 16, 2023.
6. "Virtual Crime Scene Reconstruction," Speaker. Interpol webinar, July 13, 2023.
7. "Beyond Body Cameras: Unlocking the Untapped Potential of Your Digital Evidence," Speaker. FBINAA, Cleveland, OH, July 31, 2022.
8. "Capabilities of Video Analysis for Use-of-Force Investigation," Speaker. Force Science Conference, Orlando, FL, June 22, 2022.
9. "Digital Media Forensics Using Photogrammetry and Videogrammetry in the Analysis of Critical Incidents," Speaker. Knott Laboratory, LLC, Denver, CO, Apr. 6, 2023.
10. Forensic Shooting Incident Reconstruction Course, Training. Forensic Science Consultants, Salt Lake City, UT, Sept. 19–22, 2023.