



# Jimmie L. McCants II, CFEI

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## POSITIONS

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### **Brillouin Consulting** **Senior Consultant**

**San Francisco Bay Area, CA**  
2024 - Present

Lead expert in legal and claims files pertaining to fire origin and cause investigations. Experienced in fire investigations involving wildfires, vehicles, property and products. Substantial deposition/trial experience.

### **Bullet Proof Investigations** **Owner & Fire Investigator**

**Vacaville, CA**  
2022 - Current

Conduct fire and explosions cause and origin investigations. Analyzes and performs on-scene investigations for fires and explosions, as well as hazardous material concerns. Experience includes residential, commercial, marine, vehicle, and heavy equipment investigations.

### **Rimkus Consulting Group, Inc.** **Fire Consultant - Fire Division/Western Region**

**Concord, CA**  
2013 - 2022

Conducted fire and explosions cause and origin investigations. Analyzed and performed on-scene investigations for fires and explosions, as well as hazardous material concerns. Experience includes residential, commercial, marine, vehicle, and heavy equipment investigations.

### **Williams Mobile Service** **Mechanic**

**Rio Vista, CA**  
2012 -2013

Worked as a mechanic doing repairs in a shop environment as well as on the road in a service truck. Repairs included passenger cars, large diesel trucks, and various-sized pieces of equipment such as commercial tractors and cranes.

### **G4S Compliance and Investigations** **Fire Investigator**

**Concord, CA**  
2011 - 2013

Conducted fire, arson, and explosion investigations including residential, commercial, marine, automobile, and heavy equipment losses for insurance companies and law firms. Collected and preserved evidence through precise documentation to ensure chain of custody. Conducted interviews with witnesses, responding firefighters, state fire marshal agencies, and other pertinent third-party organizations. Prepared detailed written investigative reports as to the final conclusions and opinions of the subject loss. Provided technical and scientific support to clients for subrogation and litigation purposes. Conducted code compliance research including electrical, gas, and installation code violations. Assisted personnel with product design failure analysis to determine if the product was the cause or a contributing factor in a loss.

### **Solano County Sheriff's Office** **Deputy Sheriff - Environmental Crimes Detective**

**Fairfield, CA**  
1985 - 2011

Investigated arson fires and explosion scenes for the sheriff's office, the Vacaville Fire Protection District's Fire Prevention Bureau, and the Solano County Arson Investigation Unit. Investigated the cause and origin of over 1,000 fires including commercial structures, heavy equipment, and vehicles (including trucks and recreational vehicles). Provided training on the determination of cause and origin of fires as well as how to detect if a vehicle was destroyed to facilitate insurance fraud. Testified in numerous criminal matters including preliminary hearings and jury trials.

## **Gunsmoke Trucking Company**

### **Owner/Operator**

1991 - 2002

During the 11 years that he co-owned Gunsmoke Trucking Company, he was responsible for all administrative details for the company, including all correspondence with government agencies and ensuring the company was in legal standing to operate in California, Oregon, and Arizona. Maintained the three power units and numerous trailers used in the day-to-day business. This included all brakes, suspension, engines, and all mechanical issues that could arise. Also responsible for the required paperwork for the safety inspection conducted by the California Highway Patrol for the B.I.T. (Bi-Annual Inspection Terminal) program.

## **Vacaville Unified School District**

### **Mechanic**

1979 - 1985

Mechanic for a medium-sized school district in California. Responsible for performing mechanical repairs for all district equipment, from push lawn mowers to the fleet of school buses they operated. Handled all aspects of repair, including engine and transmission rebuilds as well as both regular and air brake service and repair. Rebuilt gas and diesel engines for a variety of equipment ranging from a lawn mower to large school bus to tractors. Also responsible for yearly safety inspections on the fleet of school buses. Inspections were conducted by the California Highway Patrol both on an annual basis and occasional surprise inspections.

## **EDUCATIONS & CERTIFICATIONS**

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- Associate of Science: Solano Community College (2000)
- Certified Fire and Explosion Investigator: National Association of Fire Investigators
- Certified Arson/Explosive Investigator: Robert Presley Institute of Criminal Investigations
- Licensed Private Investigator: California, Arizona, and Oregon
- Membership: International Association of Arson Investigators (IAAI)
- Membership: National Association of Fire Investigators (NAFI)
- Membership: California Conference of Arson Investigators (CCAI)

## **CONTINUING EDUCATION**

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- California Fire Service Training and Education, Fire Investigation 1A (October 1995)
- California Fire Service Training and Education, Fire Investigation 1B (April 1996)
- Behavior Analysis Training Institute, Interview and Interrogation Techniques (January 1997)
- California State Fire Marshal, Arson/Explosive Investigation Foundation course (November 1997)
- Sacramento Public Safety Center, P.O.S.T. Institute of Criminal Investigation Core Course (December 1997)
- U.S. Department of Justice FBI, Post Blast Investigator School (April 1998)
- California Fire Service Training and Education, Fire Investigation 2A (April 1998)
- Federal Emergency Management Agency, Fire/Arson Investigation #R205 (August 2001)
- California Fire Service Training and Education (October 2002); Napa Solano Fire Investigation Unit, NFPA 921 Standards for Fire Investigation (February 2003)
- Napa Sheriff's Office, Fire Death Investigation (June 2008)
- Roseville Fire Department, Forensic Fire Scene Reconstruction (2009)
- Los Angeles HIDTA, Arson Murders and Fire Death Investigation (August 2011)
- Los Angeles HIDTA, Major Arson Investigations (August 2011)
- FI 210/ N0775 wildland fire training (September 2023 Redding California)
- Vehicle Fire Investigation training (June 2024 Alhambra California)