

Edwin E. Hardesty *IAAI-CFI, PI, Senior Fire Investigator*

Licenses and Certifications

International Association of Arson Investigators, Certified Fire Investigator #21-096
International Code Council, Fire Inspector 1, #5098354-66
Unarmed private investigator, State of Washington #3453

Experience

8/11 – Present **GT Engineering**
Senior Fire Investigator

Performs complex fire and explosion investigations for commercial and residential structures, vehicles, machines, and marine systems on behalf of insurance, legal, governmental, and industrial clients. Identifies origin and cause of fires for systems involving electrical components, fuel gases, combustible liquids, and mechanical machinery. Manages on-scene investigations, conducts testing, communicates with public authorities having jurisdiction, witnesses testing and inspection by other parties, and coordinates with in-house engineering teams to pursue additional investigation. Interviews witnesses and authorities as needed. Presents findings through verbal and written reports, videos, photographs, depositions and trial testimony.

8/10 – 8/11 **Snohomish County Sheriff Office**
Corrections Bureau, Everett, WA

Corrections Deputy responsible for the direct supervision of inmates. Interviewed inmates at booking, responded to emergency situations, investigated and reported on suspected rule violations. Established effective working relationships with criminal justice system officials and staff, other county employees and the general public.

1/09 – 7/10 **Integrity Fire Investigation, LLC**
Fire Investigation, Mill Creek, WA

Owner responsible for all aspects of fire origin and cause investigation, including: fire scene/debris examination, reconstruction of scene, evidence collection, preservation and examination, well-documented fire scene notes, in-depth witness interviews, expert photography and descriptions, diagramming of scene, verbal and written reports, and follow up investigation. Worked closely with insureds and clients, as well as federal, state, city and county officials, to ensure thorough and complete investigations.



Edwin E. Hardesty CFI, PI

- 4/06 – 12/09 **Snohomish County Planning & Development Services**
Fire Marshal's Office & Code Enforcement Office, Everett, Washington
- Code Enforcement Officer / Coordinator responsible for conducting investigations of land use and building violations, including: evidence collection and preservation, photography, follow-up investigations, interviewing, report writing and case preparation for review by the county prosecutor's offices and the county hearing examiner's office.
- 12/02 – 4/06 **Snohomish County Planning & Development Services**
Fire Marshal's Office, Everett, Washington
- Assistant / Interim Fire Marshal responsible for supervising the fire inspection unit and fire investigation unit; conducting fire/arson scene investigations, including origin and cause investigation/determination, reconstruction of scene, evidence collection and preservation, photography, diagramming, follow-up investigations, interviewing, interrogation, report writing and case preparation for review by the county prosecutor's offices. Worked closely with federal, state, city and county officials, to ensure thorough and complete investigations.
- 5/99 – 12/02 **Snohomish County Planning & Development Services**
Fire Marshal's Office, Everett, Washington
- Deputy Fire Marshal responsible for conducting fire/arson scene investigation/determination, including: fire origin and cause determination, reconstruction of scene, evidence collection and preservation, photography, diagramming, follow-up investigations, interviewing, interrogation, report writing and case preparation for review by the county prosecutor's office. Worked closely with federal, state, city and county officials to ensure thorough and complete investigations.
- 10/95 – 5/99 **Riddle & Associates, Inc.**
Fire Investigation, Kirkland, Washington
- Private Fire Investigator responsible for all aspects of fire origin and cause investigation/determination, including: fire scene/debris examination; reconstruction of scene, evidence collection, preservation and examination, well-documented fire scene notes, in-depth witness interviews; photography, diagramming of scene, verbal and written reports, and follow up investigation. Work closely with insured's and clients, as well as federal, state, city and county officials, to ensure thorough and complete investigations.
- 5/95 – 10/95 **One Daly Corporation**
Kent, Washington
- Private Investigator responsible for criminal and civil follow-up investigations, background investigations, interviewing and interrogations.
- 1/90 – 5/94 **Billings Police Department**
Investigations Unit, Billings, Montana
- Detective responsible for conducting fire/arson scene investigations, including: fire origin and cause investigation/determination, reconstruction of scene, evidence collection and preservation, photography, diagramming, follow-up investigations, interviewing, interrogation, report writing and case preparation for



Edwin E. Hardesty CFI, PI

review by the county prosecutor's offices. Key player in the development of a fire/arson task force between the police department and fire department for the city of Billings. Member of the homicide investigation team.

4/84 – 12/89 Billings Police Department

Traffic Division, Patrol Division, Billings, Montana

As officer in Traffic Division responsible for minor to fatal traffic accident investigations including scene photography, conducting interviews, interrogation, report writing and case development for city and county prosecutors. As officer in Patrol Division investigated citizen complaints, conducted crime scene investigations, collected and preserved evidence, conducted interviews and prepared case for city and county prosecutors.

Professional Affiliations

International Association of Arson Investigators (IAAI)
Washington State IAAI Chapter 21
Oregon IAAI Chapter 31
National Fire Protection Association (NFPA)
National Association of Fire Investigators (NAFI)
International Code Council (ICC)

Training

Insurance and the Fire Investigation (CFI Trainer.net) 2010
The HAZWOPPER Standard (CFI Trainer.net) 2010
Fire and Explosion Investigation Utilizing NFPA 1033 and 921 (CFI Trainer.net) 2009
Effective Investigation & Testimony (IAAI & WA Chapter IAAI, Seattle, WA) 2009
NFPA 921 Update (WA Chapter IAAI & NW Fire Investigator Assoc, Leavenworth, WA) 2009
Electrical & Fuel Gas Fire Cause's (Fire Findings, Inc, WA Chapter IAAI & NW Fire Investigator Association, Leavenworth, WA) 2009
Basic Fire Investigation and 2008 NFPA 921 (WA Chapter IAAI & NW Fire Investigator Assoc, Leavenworth, WA) 2008
Vehicle Fire/Arson Investigation (Public Agency Training Council, Kent, Washington) 2004
ICC-2003 International Fire Code Class (Snohomish County Fire Prevention Officers Assn) 2004
Advanced Interview and Neurolinguistic Techniques (Loss Prevention Resources, Inc.) 2002
Fire Pattern Recognition Certification (Public Agency Training Council, Everett, WA) 2002
Fire Inspection Principles (National Fire Academy) 2001
Fire Fatality Investigation (Public Agency Training Council, Everett, Washington) 2001
Electrical Fire Investigation (Public Agency Training Council, Kent, Washington) 2000
Automotive Fire Investigation (University of Washington, Seattle, Washington) 2000
Death Investigation (Snohomish County Medical Examiners, Everett, Washington) 1999
Incorporating Heat Release Rate Aspects into Fire Investigations (IAAI 49th Annual Conf., OR) 1998
Memory (IAAI 49th Annual Conference, Oregon) 1998
Cigarettes as Ignition Source (IAAI 49th Annual Conference, Oregon) 1998
Behavior of Metals in the Fire Scene (IAAI 49th Annual Conference, Oregon) 1998
Proving Financial Motive in Arson Fires (IAAI 49th Annual Conference, Oregon) 1998
Applications of Fire Research (IAAI 49th Annual Conference, Oregon) 1998
Advanced Wildland Fire Investigation (IAAI 49th Annual Conference, Oregon) 1998
Investigation of Marine Fires (IAAI 49th Annual Conference, Oregon) 1998
Surface Analysis of Arc Residues in Fire Investigations (IAAI 49th Annual Conf., OR) 1998



Edwin E. Hardesty CFI, PI

Training (continued)

Fire Dynamics (IAAI 49th Annual Conference, Oregon) 1998
NFPA 921 Cover to Cover (Region 4 Fire Investigation Council-Renton, Washington), 1998
Product Liability (IAAI, Oregon Chapter 31), 1996
Gas Appliance Fires (IAAI, Oregon Chapter 31), 1996
Electrical Appliance Fires (IAAI, Oregon Chapter 31), 1996
Advanced Fire and Arson Investigation (IAAI, Oregon Chapter 31), 1996
Fire Chemistry (IAAI, Denver Fire Department), 1994
Kinetic Interview Techniques (IAAI, Denver Fire Department), 1994
Explosion Investigation (IAAI, Denver Fire Department), 1994
Vehicle Fire Investigation (IAAI, Denver Fire Department), 1994
Electrical Fire Investigation (IAAI, Denver Fire Department), 1994
Advanced Arson Investigation (IAAI, Denver Fire Department), 1994
Crime Scene Management (Montana State Law Enforcement Academy), 1993
Police Photography (Montana State Law Enforcement Academy), 1993
Advanced Arson for Profit (Bureau of Alcohol, Tobacco and Firearms), 1993
Evidence Collection (National Fire Academy), 1993
Interviewing Techniques (National Fire Academy), 1993
Legal Aspects (National Fire Academy), 1993
Incendiary Devices (National Fire Academy), 1993
Fatal Fire Investigation (National Fire Academy), 1993
Vehicle Fire Investigation (National Fire Academy), 1993
Fire Protection Systems (National Fire Academy), 1993
Fire Scene Investigation (National Fire Academy), 1993
Motivation of the Fire Setter (National Fire Academy), 1993
Incendiary Fires and Fire Causes (National Fire Academy), 1993
Accidental Fire Causes (National Fire Academy), 1993
Determining Point of Origin (National Fire Academy), 1993
Fire Behavior (National Fire Academy), 1993
Fire/Arson Investigation (National Fire Academy), 1993
Search and Seizure (Montana State Law Enforcement Academy), 1992
Automobile Fire Investigation (FBI Academy), 1991
Fraud Investigation Techniques (FBI Academy), 1991
Accidental Fire Causes (FBI Academy), 1991
Electrical Fire Causes (FBI Academy), 1991
Incendiary Fire Indicators (FBI Academy), 1991
Determining Point of Origin (FBI Academy), 1991
Physics and Chemistry of Fire (FBI Academy), 1991
Fire Setter Psychology (FBI Academy), 1991
Police Fire/Arson Investigation (FBI Academy), 1991
Field Training Officer (Montana State Law Enforcement Academy), 1990
The Reid Interview and Interrogation Techniques (Montana St Law Enforcement Acad.), 1990
Fire Cause Determination (State of Montana Fire Services Training School), 1990
Technical Accident Investigation, TI (Montana State Law Enforcement Academy), 1987
Intermediate School (Montana State Law Enforcement Academy), 1986
Fire/Arson Investigation (Montana State Law Enforcement Academy), 1986
At Scene Accident Investigation, (Inst. of Police Technology and Mgmt) (MLEA), 1985
Basic School (Montana State Law Enforcement Academy, MLEA), 1984