
Timothy R. Hughes | Senior Fire Investigator, IAAI-CFI, NAFI-CFEI, CVFI

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Professional Summary:

Mr. Hughes has 25 years causation experience in commercial and residential facilities, watercraft, automobiles, and heavy equipment. He has investigated fires originating from appliances and other electrical devices and performed arson investigations and assessed the potential liability and subrogation issues surrounding the incident at hand. Tim also has experience providing opinions and assistance in fire litigation, including witness interviews, report review, photograph analysis, evidence examination, and file management. His areas of investigative expertise include:

- Residential & commercial fire investigations
- Vehicle & heavy equipment fire investigations
- Death & fire fatality investigations
- Evidence Management
- Scene Management
- Large loss resource management
- Hazardous materials loss resource management, including CFR 29, 49, & 40
- Court-proven, including municipal, county, federal, and civil trials

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators

Certified Fire & Explosion Investigator, National Association of Fire Investigators, #6463-2184iv

Certified Vehicle Fire Investigator, National Association of Fire Investigators, #6463-2184iv

Certified Medicolegal Death Investigator, State of Arkansas

Certified Hazardous Materials Technician, per OSHA 1910.120

Court Qualifications/ Depositions:

Litigation CV available upon request.

Professional Experience:

EFI Global, Inc., Senior Fire Investigator, June 2022 – Present

Jefferson County, Arkansas Coroners Office , Deputy Coroner, January 2022 – Present

ArBill, Safety Advisor/Instructor, January 2017 – May 2022

BSC Fire Services, Senior Fire Investigator, January 2019 – August 2019

Firensics, Inc., Senior Fire Investigator, January 2017 – August 2018

Envista Forensics, Senior Fire & Explosion Consultant, March 2008 – January 2017
Rimkus Consulting Group, Senior Fire & Explosion Consultant, September 2006 – February 2008
Unified Investigations & Sciences, Special Investigator, October 2005 – September 2006
General Physics, Emergency Preparedness Specialist, November 2005 – February 2005
Unified Investigations & Sciences, Special Investigator, July 1998 – August 2002

Specialized Education:

Physical Evidence at the Fire Scene, IAAI CFI-Trainer - (4 hours tested) 2022
Charleston Sofa Super Store Fire, IAAI CFI-Trainer - (4 hours tested) 2022
Electrical Safety, IAAI CFI-Trainer - (3 hours tested) 2022
Fire Investigation for Fire Officers, IAAI CFI-Trainer - (3 hours tested) 2022
Understanding the Fire Investigator's Job, IAAI CFI-Trainer - (3 hours tested) 2022
Arc Mapping Basics, IAAI CFI-Trainer - (4 hours tested) 2022
Forensic Fire Death Investigations Course, Collin County Fire Investigators Association – (42 hours tested) 2022
Practical Aspects of Fire Fatality/Death Investigations, Legal & Liability Risk Management– (2 hours tested) 2022
Medicolegal Death Investigator, Arkansas Crime Lab & Coroners Association – (40 hours tested) 2022
Hands-On Vehicle Fire/Arson Investigation, LLRMI - (24 hours tested) 2021
Forensic Fire Death Investigations, Collin County Fire and Arson Investigation Association - (38 hours tested) 2015
Ethics & Social Media, IAAI CFI-Trainer - (3 hours tested) 2015
Basic Electricity, IAAI CFI-Trainer (4 hours tested) 2015
Evidence Examination, IAAI CFI-Trainer - (4 hours tested) 2015
Using Resources to Validate Hypothesis, IAAI CFI-Trainer - (4 hours tested) 2015
Fire Dynamics "Train the Trainer", Collin County Fire and Arson Investigation Association – (24 hours tested) 2014
Asbestos Accreditation, Mayhew Environmental Training Associates – (16 hours tested) 2014
Vehicle Fire Investigation Louisiana Association of Arson Investigators - (12 hours tested) 2011

Affiliations:

International Association of Arson Investigators (IAAI)
National Association of Fire Investigators (NAFI)
North Texas Fire Investigators Association

Courses Instructed/ Guest Lecturer:

Mr. Hughes has lectured and taught several hundred times, across the United States with subject matters including fire investigation, counter-terrorism, hazardous materials emergency response, and weapons of mass destruction response.