

## Gary S. Hodson, IAAI-CFI(V) | Principal Fire Investigator

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### Professional Summary:

Mr. Hodson retired from the Provo Police Department in November 2006. He served as a patrol officer, detective, Sergeant, and a fire investigator. He began investigating fires in 1991. He previously served with the Emery County Sheriff's Office, Oceanside Police Department, and Chula Vista Police Department. He served with the Castle Dale Volunteer Fire Department for 6 years. Mr. Hodson has investigated over 1,500 fires.

Mr. Hodson is a graduate of the Utah State Police Academy. He is a graduate of Weber State University, with a Bachelor of Science degree in Criminal Justice.

Mr. Hodson is an adjunct instructor with Utah Valley University and the Utah Fire and Rescue Academy. He instructs fire investigation training.

### Licenses and Certifications:

Certified Evidence Collection Technician, IAAI, #69

Certified Fire Investigator(V), IAAI, #50-004

Certified Investigator I, Utah Fire Service Certification Council, 2000-2017

Licensed Private Investigator, Utah, Nevada

Certified Law Enforcement Officer, Utah Peace Officer Standards and Training, 1977-2008

### Court Qualifications/ Depositions and Trials:

Litigation CV available upon request.

### Professional Experience:

EFI Global, Inc., Principal Fire Investigator, 2018–Present

Unified Investigations and Sciences, Inc., Senior Fire Investigator, 2006-2018

Utah Valley University, Utah Fire and Rescue Academy, Adjunct Instructor, 1990-Present

Provo Utah Police Department, Police Officer, Detective, Sergeant, 1984-2006

Castle Dale Utah Volunteer Fire Department, Firefighter, Assistant Chief, 1978-1984

Emery County Utah Sheriff's Office, Deputy Sheriff, Sergeant, 1975-1984

Oceanside California Police Department, Police Officer, 1975-1975

Chula Vista California Police Department, Reserve Police Officer, 1972-1975

### Specialized Education:

Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, CFITrainer.net, 2025

What the Insurance Professional Needs to Know About Fire Investigation, CFITrainer.net, 2025

NFPA 1033 & 921: 2022/2021 Editions Important Updates, CFITrainer.net, 2025

Vacant and Abandoned Buildings: Hazards and Solutions, CFITrainer.net, 2025

Personal Protective Equipment for Post-Fire Scenes, CFITrainer.net, 2025

Commercial Kitchen Fires 2: Investigation, CFITrainer.net, 2025

Commercial Kitchen Fires 1: Fundamentals, CFITrainer.net, 2025

Lightning Fire Cause Investigation, CFITrainer.net, 2025

Lightning Fundamentals, CFITrainer.net, 2025

International Association of Arson Investigators, International Training Conference, 2025

Utah Chapter, IAAI Annual Training Conference, 2025

International Association of Arson Investigators, International Training Conference, 2024

Utah Chapter IAAI Annual Training Conference, 2024

OSHA Asbestos Awareness, Safety Compliance Management, 2023

OSHA Hazwoper Refresher, Safety Compliance Management, 2023

Discovery in Civil Cases, CFITrainer.net, 2023

Alternative Fuel Vehicles, CFITrainer.net, 2023

Site Safety Assessment, CFITrainer.net, 2023

Fire Effects Part 2: Combustion By-Products Effects, CFITrainer.net, 2023

Fire Effects Part 1: Heat Effects on Fuels, CFITrainer.net, 2023

International Association of Arson Investigators, International Training Conference, 2023

Utah Chapter IAAI Annual Training Conference, 2023

International Association of Arson Investigators, International Training Conference, 2022

Utah Chapter IAAI Annual Training Conference, 2022

Legal Aspects of Investigating Youth-Set Fires, CFITrainer.net, 2021

Introduction to Youth-Set Fires, CFITrainer.net, 2021

Fire Investigation for Fire Officers, CFITrainer.net, 2021

Charting Your Career Path In Fire Investigation, CFITrainer.net, 2021

Effective Investigation and Testimony, CFITrainer.net, 2021

Critical Evaluation and Testing of Commonly Reported Accidental Causes, CFITrainer.net, 2021

Fire Flow Analysis, CFITrainer.net, 2021

Introduction to Appliances, CFITrainer.net, 2021

Electrical Safety, CFITrainer.net, 2021

Photovoltaic Cells & Systems, CFITrainer.net, 2021

Understanding Undetermined, CFITrainer.net, 2021

Critical Thinking Solves Cases, CFITrainer.net, 2021

Lithium-Ion Battery Fires, CFITrainer.net, 2021

Electric & Hybrid Vehicle Fire, CFITrainer.net, 2021

Electric & Hybrid Vehicle Design Basics, CFITrainer.net, 2021

Preventing Occupational Exposures to Carcinogens at the Fire Scene, CFITrainer.net, 2020

Understanding the Fire Investigator's Job: A Guide to Non-Investigators, CFITrainer.net, 2020

Basic Electricity, CFITrainer.net, 2020

Investigating Motor Vehicle Fires, CFITrainer.net, 2020

Knowledge 1 Motor Vehicle Fires Tier 1, CFITrainer.net, 2020

Respiratory Protection Training, EFI Global, 2020

Fire Investigator Health and Safety in the Post-fire Environment, EFI Global, 2020

### Specialized Education (continued):

New Jersey Chapter IAAI Training Conference, 2020  
Utah Chapter IAAI Training Conference, 2020  
OSHA Asbestos Refresher Training, Safety Compliance Management, 2019  
OSHA Hazwoper Refresher Training, Safety Compliance Management, 2019  
International Association of Arson Investigators, International Training Conference, 2019  
Texas IAAI Fire & Arson Investigators, Arson & Fire Seminar, 2019  
New Jersey Chapter IAAI Training Conference, Case Studies, Your Safety, Know Your Prosecutor, 2019  
Utah Chapter IAAI Training Conference, 2019  
OSHA Asbestos Awareness Refresher Training, Safety Compliance Management, 2018  
OSHA Hazwoper Refresher Training, Safety Compliance Management, 2018  
International Association of Arson Investigators, International Training Conference, 2018  
New Jersey Chapter IAAI 2018 Annual Training Conference, Understanding Ventilation, Witness Driven Cases- A Must for Origin Determination, Persistence of Ignitable Liquids – Myths & Legends in the Industry, Electrical Aspects of Fire Investigation, Atlantic City, NJ, 2018  
Utah Chapter IAAI 2018 Training Conference, 2018  
OSHA Asbestos Awareness Training, Safety Compliance Management, 2017  
OSHA Hazwoper Refresher Training, Safety Compliance Management, 2017  
International Association of Arson Investigators, 2017 International Training Conference, 2017  
Charleston Sofa Super Store Fire, CFITrainer.net/IAAI, 2018  
Fire Chemistry, CFITrainer.net/IAAI, 2018  
Investigating Natural Gas Systems, CFITrainer.net/IAAI, 2017  
Residential Natural Gas Systems, CFITrainer.net/IAAI, 2017  
Discovery in Criminal Cases, CFITrainer.net/IAAI, 2017  
Motor Vehicles: Transmission, Exhaust, Brake and Accessory Systems, CFITrainer.net/IAAI, 2017  
Motor Vehicles: The Engine and the Ignition, Electrical and Fuel Systems, CFITrainer.net/IAAI, 2017  
Ethical Duties Beyond the Fire Scene, CFITrainer.net/IAAI, 2017  
Thermometry, Heat and Heat Transfer, CFITrainer.net/IAAI, 2017  
Process of Elimination, CFITrainer.net/IAAI, 2017  
OSHA Asbestos Awareness Training, Hazmat School, 2016  
OSHA Hazwoper Refresher Training, Hazmat School, 2016  
Unified Investigations & Sciences, In-Service Webinar Series, Essentials of NFPA 1033, 2016-2017  
International Association of Arson Investigators, 2016 International Training Conference, Orlando, FL, 2016  
Utah Chapter IAAI, 2016 Utah Chapter Training Conference  
Residential Electrical Systems, CFITrainer.net/IAAI, 2016  
An Analysis of The Station Nightclub Fire, CFITrainer.net/IAAI, 2015  
Ethics & Social Media, CFITrainer.net/IAAI, 2015  
The Deposition Part 2: Questioning Tactics and Effective Responses, CFITrainer.net/IAAI, 2015  
The Deposition Part 1: Format, Content, and Preparation, CFITrainer.net/IAAI, 2015  
Utah Association of Special Investigation Units, 2015 Insurance Fraud Training Conference, 2015  
ABAG Training Center, OSHA Annual Refresher with Asbestos Awareness, 2015  
International Association of Arson Investigators, International Training Conference, 2015  
California Conference of Arson Investigators, NFPA Educational Requirements, 2015  
New Jersey Chapter, International Association of Arson Investigators, Burn to Learn and Establishing Viable and Persuasive Theories in Forensic Investigations, 2015

Specialized Education (continued):

Utah Chapter, International Association of Arson Investigators, Randy Watson-NFPA 921/1033, 2015  
ABAG Training Center, OSHA Annual Refresher with Asbestos Awareness, 2014  
International Association of Arson Investigators, International Training Conference, 2014  
NFPA 921 and 1033 2014 editions: Important Revisions, CFITrainer.net/IAAI, 2014  
Texas A & M Engineering Extension Service, South Texas Fire Investigators Seminar, Fire Dynamics, 2013  
State of New York, Academy of Fire Science, Fire Arson Investigation Seminar, 2013  
Indiana Chapter, International Association of Arson Investigators, Fire Investigation Conference, 2013  
International Association of Arson Investigators, International Training Conference, 2013  
ABAG Training Center, OSHA Annual Refresher with Asbestos Awareness, 2013  
Utah Chapter, International Association of Arson Investigators, Burn to Learn, 2013,  
California Conference of Arson Investigators, Advanced Fire and Arson Investigation, 2012  
International Association of Arson Investigators, Annual Training Conference, 2012  
Utah Chapter, International Association of Arson Investigators, Courtroom Testimony/IED's, 2012  
ABAG Training Center, OSHA Annual Refresher with Asbestos Awareness, 2012  
Understanding Fire Through the Candle Experiments, CFITrainer.net/IAAI, 2012  
Search and Seizure, CFITrainer.net/IAAI, 2012  
NFPA 1033 and Your Career, CFITrainer.net/IAAI,2012  
Using Resources to Validate your Hypothesis, CFITrainer.net/IAAI, 2012  
The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, CFITrainer.net/IAAI, 2012  
Writing the Initial Origin and Cause Report, CFITrainer.net/IAAI, 2012  
Fundamentals of Interviewing, CFITrainer.net/IAAI,2011  
Introduction to Fire Dynamics and Modeling, CFITrainer.net/IAAI, 2011  
Explosion Dynamics, CFITrainer.net/IAAI, 2011  
The Potential Value of Electronic Evidence in Fire Investigations, CFITrainer.net/IAAI, 2011  
How First Responders Impact the Fire Investigation, CFITrainer.net/IAAI, 2011  
Fire Protection Systems, CFITrainer.net/IAAI, 2011  
Evidence Examination: What Happens at the Lab? CFITrainer.net/IAAI, 2011  
Physical Evidence at the Fire Scene, CFITrainer.net/IAAI, 2011  
Documenting the Event, CFITrainer.net/IAAI, 2011  
DNA, CFITrainer.net/IAAI, 2011  
The Scientific Method for Fire and Explosion Investigation-Updated 2009, CFITrainer.net/IAAI, 2011  
International Association of Arson Investigators, Annual Training Conference 2011  
Utah Chapter, International Association of Arson Investigators, Vehicle Electric Fires and Wildland Fire Investigation, 2011  
International Association of Arson Investigators, Annual Training Conference, 2010  
Utah Chapter, International Association of Arson Investigators, Photography and Propane Fires, 2010  
Wildland Fires Investigation, CFITrainer.net/IAAI, 2010  
Fundamentals of Building Construction, CFITrainer.net/IAAI, 2010  
The HAZWOPR Standard, CFITrainer.net/IAAI, 2010  
Preparation for the Marine Fire Scene, CFITrainer.net/IAAI, 2009  
Arc Mapping Basics, CFITrainer.net/IAAI, 2009  
Ethics and the Fire Investigator, CFITrainer.net/IAAI, 2009

### Specialized Education (continued):

Utilizing NFPA 1033 and 921, CFITrainer.net/IAAI, 2009  
International Association of Arson Investigators, Annual Training Conference, 2009  
Utah Chapter, International Association of Arson Investigators, Interview and Interrogation, 2009  
Utah Chapter, International Association of Arson Investigators, Small Appliance and Electrical Fires, 2008  
Post Flashover Fires, CFITrainer.net/IAAI, 2008  
A Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire Development, CFITrainer.net/IAAI, 2008  
Managing Complex Fire Scene Investigations, CFITrainer.net/IAAI, 2008  
Fire Investigator Scene Safety, CFITrainer.net/IAAI, 2008  
Investigating Fatal Fire, CFITrainer.net/IAAI, 2008  
Introduction to Evidence, CFITrainer.net/IAAI, 2008  
Digital Photography and the Fire Investigator, CFITrainer.net/IAAI, 2008

### Education:

Bachelor of Science, Criminal Justice, Weber State University, 1991

### Affiliations:

International Association of Arson Investigators  
Utah Chapter, International Association of Arson Investigators  
National Fire Protection Association  
National Association of Fire Investigators, International

### Courses Instructed/ Guest Lecturer:

Evidence Collection Technician Practicum  
Fire Investigation for the First Responder  
Motives and Indicators of Arson  
Fire Investigator I  
Fire Investigator, Train-The-Trainer  
Origin and Cause Investigation, I

### Courses Instructed/ Guest Lecturer Continued:

Vehicle Fire Investigation, Utah Peace Officer Standards and Training

### Publications and Presentations:

Fire Investigator, Principles and Practice, Jones and Bartlett, 6<sup>th</sup> Edition  
Fire Investigator, Principles and Practice NFPA 921 & 1033, Jones and Bartlett, 5<sup>th</sup> Edition  
Fire Investigator, Principles and Practice NFPA 921 & 1033, Jones and Bartlett, 4<sup>th</sup> Edition