

Kenneth Dauer | Fire Investigator, MIAAI-CFI, ECT, CFEI, CVFI

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Professional Summary:

Mr. Dauer has over 28 years of fire investigation experience in both the public and private sector. He has assisted with and conducted over 350 fire investigations. As a lead fire investigator he has investigated fires in residential and commercial structures, as well as motor vehicles. Mr. Dauer has worked with local, state and federal agencies including the MABAS 19 fire investigation team, the Office of The State Fire Marshal, and the Bureau of Alcohol, Tobacco, Firearms and Explosives.

- Fire Origin and Cause Determination
- Explosion Origin and Cause Determination
- Motor Vehicle Origin and Cause Determination
- Evidence collection policies and procedures to properly collect and protect chain of custody

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators
Evidence Collection Technician, International Association of Arson Investigators
Certified Fire and Explosion Investigator, National Association of Fire Investigators
Certified Vehicle Fire Investigator, National Association of Fire Investigators
Fire Investigation for Fire Officers Multi-Program, CFITrainer.net
Private Investigator, State of Delaware
Private Investigator, State of Virginia, #DCJS 99-744694
Private Investigator, State of Wisconsin, #12660-63
Private Detective-PERC, State of Illinois, #129-122376

Professional Experience:

EFI Global, Inc., Fire Investigator, July 2018 - Present
Unified Investigations and Sciences, Inc., Fire Investigator, October 2015 – July 2018
Manhattan Fire Protection District, Firefighter/Paramedic – Arson Investigator, 1995 - 2018
Siemens Building Technologies, Fire Alarm Technician, June 1999 – December 2007
United States Navy, Machinist Mate 3rd Class, October 1986 – October 1990

Specialized Education:

2024

Fire Investigation Training Program, NAFI

2023

Site Safety Assessment, CFITrainer.net
Fire Effects Part 1: Heat Effects on Fuels, CFITrainer.net
Fire Effects Part 2: Combustion By-Products Effects, CFITrainer.net

2022

Fire Flow Analysis, CFITrainer.net

Charting Your Career Path In Fire Investigation, CFITrainer.net
Motor Vehicles: The Engine and The Ignition, Electrical, and Fuel Systems, CFITrainer.net
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, CFITrainer.net
Critical Evaluation and Testing of Commonly Reported Accidental Causes, CFITrainer.net
NFPA 1033 & 921: 2022/2021 Editions Important Updates, CFITrainer.net

2021

Fire Investigation for Fire Officers, CFITrainer.net
Burn Boston Burn – Wayne Miller, MABAS Division 20

2020

Emerging Technologies in Fire Investigation, CFITrainer.net

2019

Timelines as An Analytical Tool, EFI Global
Annual Training Conference, IL-IAAI

2018

Understanding Undetermined, CFITrainer.net
Northern Zone Conference, IL-IAAI
Annual training Conference, Will, Cook, Grundy Fire Investigation Task Force
Discovery In Civil Cases, CFITrainer.net
Ethical Duties Beyond the Fire Scene, CFITrainer.net
What the Insurance Professional Needs to Know About Fire Investigation, CFITrainer.net

2017

Unified Investigations & Sciences; In-service Webinar Series; Essentials of NFPA 1033
Annual training Conference, Will, Cook, Grundy Fire Investigation Task Force

2016

Vehicle Fire Investigation, PATC/NAFI
Annual training Conference, Will, Cook, Grundy Fire Investigation Task Force
Northern Zone Conference, IL-IAAI
Investigating Fire & Explosion Incidents Involving Line-of Duty Death, CFITrainer.net

2015

International Training Conference, IAAI
Annual training Conference, Will, Cook, Grundy Fire Investigation Task Force
Interview Interrogation and Courtroom Testimony, National Fire Academy
The Deposition Part 1 – Format, Content, Preparation, CFITrainer.net
The Deposition Part 2 –Tactics, Effective Responses, CFITrainer.net
Residential Gas Systems, CFITrainer.net

2014

Annual training Conference, Will, Cook, Grundy Fire Investigation Task Force
NFPA 921 & NFPA 1033 Editions: Important Revisions, CFITrainer.net
Fire Dynamics Calculations, CFITrainer.net
Basic Electricity, CFITrainer.net
Ventilation focused approach to structures and systems on fire, CFITrainer.net
Explosion Dynamics, CFITrainer.net
Charleston Sofa Superstore Fire, CFITrainer.net

2013

Forensic Photography, IL-IAAI
Fire/Arson Origin & Cause Investigation, National Fire Academy
The Hazwoper Standard, CFITrainer.net
Postflashover Fires, CFITrainer.net
Insurance and the Fire Investigation, CFITrainer.net
Vacant and Abandoned Buildings: Hazards & Solutions, CFITrainer.net
Using Resources to Validate Your Hypothesis, CFITrainer.net
Arc Mapping Basics, CFITrainer.net
Motive Means & Opportunity: Determining Responsibility, CFITrainer.net
Arc Mapping Basics, CFITrainer.net
Electrical Safety, CFITrainer.net
Managing Complex Fire Scene Investigations, CFITrainer.net
Wildland Fire Investigations, CFITrainer.net
Critical Thinking Solves Cases, CFITrainer.net
Effective Investigation & Testimony, CFITrainer.net
Magnatek – A case study of Daubert Challenge, CFITrainer.net
Fundamentals of Interviewing, CFITrainer.net
Ethics & The Social Media, CFITrainer.net
Fire Investigation & NFPA 921 Changes, CFITrainer.net
DNA, CFITrainer.net
Fire Protection Systems, CFITrainer.net
NFPA 1033 and Your Career, CFITrainer.net

2012

IL-IAAI Northern Zone Conference
Introduction to Fire Dynamics, CFITrainer.net
Fundamentals of Building Construction, CFITrainer.net
Search & Seizure, CFITrainer.net
Investigating Fatal Fires, CFITrainer.net
Digital Photography & Fire Investigations, CFITrainer.net

2011

Vehicle Fires, South Suburban Fire Investigation Task Force
IL Fire Service Institute, Champaign, IL – Origin & Cause Awareness
Investigating Vehicle Fires, CFITrainer.net
Physical Evidence at the Fire Scene, CFITrainer.net
Evidence Examination: What happens at the Lab, CFITrainer.net

2010

Advance O&C Training, South Suburban Fire Investigation Task Force
Documenting the Event, CFITrainer.net
Introduction to Evidence, CFITrainer.net
The Scientific Method for Fire & Explosion Investigation, CFITrainer.net

2009



Juvenile Firesetter Intervention Specialist, Illinois Fire Safety Alliance

2008

Basic Arson Investigations, University of Illinois Police Training Institute

Education:

Associates Degree, Fire Service Management, Moraine Valley Community College, Palos Hills, IL 2014

Affiliations:

International Association of Arson Investigators (IAAI)
National Association of Fire Investigators (NAFI)
International Association of Arson Investigators Illinois Chapter (IL-IAAI)

Courses Instructed/ Guest Lecturer:

Fire Photography – MABAS 20
Fire Investigation Modules – Northeastern Illinois Public Safety Training Academy
Fire Investigations Modules – Moraine Valley Community College
Fire Investigations – Joint Regional Fire Academy, MABAS 19
Fire Investigations for Law Enforcement – Tri River Police Academy