

Christian P Frezza | Sr. Fire Investigator, IAAI-CFI, IAAI-CFI(V), NAFI-CFEI, IAMI-CMI, ECT, PI

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Professional Summary:

Mr. Frezza's professional career has spanned over 35 years as a Senior Fire Investigator, Fire Consultant, Fire Inspector and Investigator, Deputy Fire Marshal, Firefighter and Emergency Medical Technician. He served as a Firefighter, Emergency Medical Technician, Fire Inspector/Fire Investigator with the Manchester Fire Department, Connecticut and Deputy Fire Marshal with the Town of Vernon, Connecticut. During that time, he has investigated over 650+ fires and explosions to include commercial, industrial, and residential structures, passenger and commercial vehicles, marine vessels, and fire fatalities.

He has conducted fire and explosion origin and cause investigations in commercial, residential and industrial structures and environments. Investigates fire and explosion incidents involving personal and commercial vehicles including recreational, marine and heavy equipment. Investigates fires involving appliances and electrical devices. Preservation, documentation and collection of evidence related to fire and explosion investigations. Experienced in project management and subrogation. Conduct interviews, research and application of investigative techniques and principals to complete oral and written reports for all incidents.

Mr. Frezza holds a Master of Science degree in Fire and Explosion Investigation and a Graduate Certificate from the Dr. Henry C. Lee College of Criminal Justice and Forensic Science. He has completed educational seminars and continuing education courses in the field of fire investigation, post-blast investigation, fire code enforcement, fire prevention and education, emergency medical services and juvenile fire setting. Mr. Frezza has participated and assisted with numerous continuing educational training programs involving the investigation of fires with the Connecticut State Police Fire Investigation and Explosion Unit, Federal Bureau of Investigation and Bureau of Alcohol, Tobacco, Firearms & Explosives. This includes live fire and post-blast training involving structures and vehicles and assistance with the Connecticut State Police Fire Investigation and Explosion Unit Advanced Fire Investigation School.

Mr. Frezza has been recognized for his achievements and receipt of the following award and acknowledgements: Connecticut Chapter of the International Association of Arson Investigators Outstanding Accomplishment Award for the thorough investigation, dedication and commitment that led to the arrest, conviction and life sentence of the perpetrator of a murder/arson case. An official citation from the Town of Manchester, Connecticut for recognition of an The Outstanding Service award presented by the International Association of Arson Investigators for a residential murder/arson investigation and conviction.

Area of Expertise:

- Fire and Explosion Investigations

Licenses and Certifications:

Certified Fire Investigator, International Association of Fire Arson Investigators, #09-051667

Motor Vehicle Fire Credential Endorsement, International Association of Fire Investigators

Certified Fire and Explosion Investigator, National Association of Fire Investigators, #21067-13347

Evidence Collection Technician, Evidence International Association of Fire Investigators, #1206

Private Investigator, Florida Department of Agriculture and Consumer Services, Florida, #C1800425

Certified Marine Investigator, International Association of Marine Investigators, #4512-206

Professional Experience:

RIMKUS Consulting Group, Fire Consultant, 2018 – 2021

Manchester Fire Rescue EMS, Firefighter/EMT, 1993 – 2011

Manchester Fire Rescue EMS, Lieutenant/Fire Inspector/Investigator, 2011 - 2018

Vernon Fire Marshal's Office, Deputy Fire Marshal, 2007 – 2018

Connecticut State Police, Fire Investigation and Explosion Unit, Internship, 2010 - 2011

New York Board of Fire Underwriters, New York Fire Patrol, Patrolman, 1991 - 1993

Specialized Education:

IAMI International Association of Marine Investigators 35th Annual Training Seminar, IAMI ATC (2025)

Fire Dynamics in the Wildland, CFITrainer.net, (2025)

The HAZWOPER Standard, CFITrainer.net, (2025)

Donning and Doffing Personal Protective Equipment CFITrainer.net, (2025)

Fatal Fires: Investigation, CFITrainer.net, (2025)

Fatal Fires: Fire Effects on the Body, CFITrainer.net, (2025)

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

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

Photovoltaic Cells & Systems, CFITrainer.net,(2025)

Commercial Kitchen Fires 1: Fundamentals, IAAI, (2024)

Evidence Collection Technician, IAAI, (2023)

National Association of Fire Investigators, NAFI, (2023)

Site Safety Assessment, IAAI, (2023)

IAMI International Assoc Of Marine Fire Investigators 33rd Annual Seminar, IAMI ATC, (2023)

Challenges to Expert Qualifications, Methodology & Opinions, FL ATC. (2023)

Hypothesis Development in Fire Investigation, FL ATC. (2023)

Investigating Lightning Strike Fires, FL ATC. (2023)

Making Arson Cases Stronger for Prosecution, FL ATC. (2023)
Wildland Fire Investigation, FL ATC. (2023)
Fire Effects Part 1: Heat Effects on Fuels, CFITrainer.net (2023)
Fire Effects Part 2: Combustion By-Products Effects, CFITrainer.net (2023)
Challenges to Expert Qualifications, Methodology & Opinions, FL ATC (2023)
Hypothesis Development in Fire Investigations, FL ATC (2023)
Investigation Lightning Strike Fires, FL ATC (2023)
Making Arson Cases Stronger for Prosecution, FL ATC (2023)
Wildland Fire Investigation, FL ATC (2023)
International Association of Marine Fire Investigators 33rd Annual Training Seminar, IAMI (2023)
Preventing Occupational Exposures to Carcinogens at the Fire Scene CFITrainer.net (2021)
Using Resources to Validate your Hypothesis CFITrainer.net (2021)
What the Insurance Professional Needs to Know About Fire Investigation (2021)
Wildland Fires Investigation CFITrainer.net (2021)
International Association of Arson Investigators: Fire Investigation for Fire Officers (2020)
International Association of Arson Investigators: Motor Vehicle Fires (2020)
Connecticut Chapter of the International Association of Arson Investigators Arson Investigators Seminar (2020,2017, 2016, 2015, 2014, 2013, 2012, 2011)
Basic Electricity CFITrainer.net (2020)
Charting Your Career Path in Fire Investigation CFITrainer.net (2020)
Critical Evaluation and Testing of Commonly Reported Accidental Causes CFITrainer.net (2020)
Critical Thinking Solves Cases CFITrainer.net (2020)
Discovery in Civil Cases CFITrainer.net (2020)
Discovery in Criminal Cases CFITrainer.net (2020)
DNA CFITrainer.net (2020)
Electrical Safety CFITrainer.net (2020)
Emerging Technologies in Fire Investigation CFITrainer.net (2020)
Ethical Duties Beyond the Fire Scene CFITrainer.net (2020)
Evidence Examination: What Happens at the Lab? CFITrainer.net (2020)
Fire Chemistry CFITrainer.net (2020)
Fire Flow Analysis CFITrainer.net (2020)
Fire Investigator Scene Safety CFITrainer.net (2020)
Fire Investigation for Fire Officers: Concentration in: Motor Vehicle Fires CFITrainer.net (2020)
Fire Protection Systems CFITrainer.net (2020)
Insurance and the Fire Investigation CFITrainer.net (2020)
Introduction to Appliances CFITrainer.net (2020)
Introduction to Fire Dynamics and Modeling CFITrainer.net (2020)
Introduction To Youth-Set Fires CFITrainer.net (2020)
Legal Aspects of Investigating Youth-Set Fires CFITrainer.net (2020)
Investigating Natural Gas Systems CFITrainer.net (2020)
Motive, Means, and Opportunity: Determining Responsibility in an Arson Case CFITrainer.net (2020)
Motor Vehicles: The Engine and the Ignition, Electrical and Fuel Systems CFITrainer.net (2020)
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems CFITrainer.net (2020)
Preparation for the Marine Fire Scene CFITrainer.net (2020)
Principles of Fire Investigation CFITrainer.net (2020)
Post Flashover Fires CFITrainer.net (2020)
Residential Natural Gas Systems CFITrainer.net (2020)
Search and Seizure CFITrainer.net (2020)
The Deposition Part 1: Format, Content, and Preparation CFITrainer.net (2020)
The Deposition Part 2: Questioning Tactics and Effective Responses CFITrainer.net (2020)

Thermometry, Heat, and Heat Transfer CFITrainer.net (2020)
Understanding the Fire Investigator's Job: A Guide for Non-Investigators CFITrainer.net (2020)
Understanding Undetermined CFITrainer.net (2020)
Statement Analysis Interviewing Techniques (2018)
Forensic Photography CFITrainer.net (2017)
International Association of Arson Investigators: Forensic Photography (2017)
16th Vehicle Fire Investigation School Connecticut State Police FEIU (2016)
Explosive Recognition for Investigators: (2016)
Explosive Recognition for Investigators: (2016)
Process of Elimination CFITrainer.net (2015)
Certified Juvenile Firesetter Intervention Specialist II: Connecticut Fire Academy (2014)
Youth Firesetter Prevention & Investigation Level II: National Fire Academy (2014)
Explosion Dynamics CFITrainer.net (2014)
Introduction to Evidence CFITrainer.net (2014)
Residential Electrical Systems CFITrainer.net (2014)
The Scientific Method for Fire and Explosion Investigation CFITrainer.net (2014)
Fire and Arson Fatality Fire Scene Investigation, Public Agency Training Council (2013)
Forensic Investigations, Peter Vallas Associates, Inc. (2013)
Certified Juvenile Firesetter Intervention Specialist I: Connecticut Fire Academy (2013)
Annual Training Conference, International Association of Arson Investigators (2012)
Response to VBIED & Suicide Bomber Incidents for First Responders: Department of Justice Federal Bureau of Investigation (2012)
Arc Mapping Basics CFITrainer.net (2012)
Documenting the Event CFITrainer.net (2012)
Ethics and the Fire Investigator CFITrainer.net (2012)
Fundamentals of Interviewing CFITrainer.net (2012)
Physical Evidence at the Fire Scene CFITrainer.net (2012)
Writing the Initial Origin and Cause Report CFITrainer.net (2012)
Digital Photography and the Fire Investigator CFITrainer.net (2011)
Investigating Motor Vehicle Fires CFITrainer.net (2011)
The Impact of Ventilation in Building Structures on Fire Development CFITrainer.net (2011)
Effective Investigation and Testimony CFITrainer.net (2010)
Explosives/IED Awareness Certification: State of Connecticut (2010)
Indoor Post-Blast School: Federal Bureau of Investigation & Connecticut State Police (2010)
Understanding Fire Through the Candle Experiments CFITrainer.net (2010)

Education:

Master of Science, Fire and Explosion Investigation, University of New Haven, West Haven, CT, 2011
Bachelor of Arts, Fire Administration, SUNY Empire State College, Saratoga Springs, NY, 2006
Graduate Certificate, Forensic Science and Advanced Investigation, Dr. Henry C. Lee College of Criminal Justice and Forensic Science, University of New Haven, West Haven, CT, 2011

Affiliations:

National Association of Fire Investigators Membership, NAFI, #21067-13347
International Association of Arson Investigators
International Association of Firefighters
National Association of Fire Investigators



International Association of Marine Fire Investigators
The National Criminal Justice Honor Society, Alpha Phi Sigma
Florida Chapter International Association of Arson Investigators
Connecticut Chapter International Association of Arson Investigator
International Association of Arson Investigators - IAAI
International Association of Firefighters - IAFF
National Association of Fire Investigators - NAFI
International Association of Marine Investigators - IAMI

Honors and Awards:

The National Criminal Justice Honor Society, Alpha Phi Sigma, 2011
Connecticut Chapter of The International Association of Arson Investigators, 2016, Outstanding Accomplishment Award
Manchester, Connecticut, 2017, Official Citation, Recognition for the Outstanding Service Award from The International Association of Arson Investigators