

Nicolas Perreault | Fire Investigator, IAAI-CFI, IAAI-FIT, CFEI, CVFI

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Professional Summary:

Mr. Perreault graduated from the University of New Haven (UNH) in May of 2014, where he received a Bachelor of Science in Fire Science, with a concentration in Fire Arson and Explosion Investigation. While at UNH, Mr. Perreault participated in live burns, and received his CFI certification through the Connecticut Fire Marshalls for the state of Connecticut. Mr. Perreault has investigated many fires, of which have involved single and multi-family dwellings, commercial structures, vehicles, arson investigations, and those with serious bodily injury.

Licenses and Certifications:

Connecticut Certified Fire Investigator, Department of Administrative Services, Department of Construction Services, May 15, 2013, Registration number: Per4106

Certified Fireplace & Chimney Inspector, Fireplace Investigation, Research & Education Service, July 22, 2023, Certificate Number: FCI-418

Certified Fire Investigator (CFI), International Association of Arson Investigators, Inc., October 21, 2020, Certificate Number: 11-102163.

Certified Fire and Explosion Investigator (CFEI), National Association of Fire Investigators, International, 2014, Registration Number: 19692-11080p

Certified Vehicle Fire Investigator (CVFI). National Association of Fire Investigators, International, 2019, Registration Number: 19692-11080v

Fire Investigation Technician (FIT), International Association of Arson Investigators, Inc., August 19, 2016

Private Investigator Associate, State of North Carolina, License #: 002783P8

Private Investigator, State of Virginia DCJS, License #: 99-409982

Private Investigator, State of Maryland, License #: 101-27694

Project Experience:

Unnamed Insurance Company, North Carolina Origin and Cause Investigation

Origin and Cause investigation of a single-family dwelling resulting from the self-heating properties of a massage oil. Cause was determined and subrogation was successful against the manufacturer of the massage oil resulting in recovery by the Insurance Company.

Unnamed Insurance Company, Virginia**Origin and Cause Investigation**

Origin and Cause investigation of a single-family dwelling to determine liability between tenant and property management company. Artifact evidence was reconstructed, and liability was ruled in favor of the insurance company and property management.

Unnamed Insurance Company, Virginia**Origin and Cause Investigation**

Origin and Cause investigation of a vehicle fire resulting from recalled defect. A multi-party examination was conducted. Subrogation was successful against the manufacturer of the vehicle with recovery to the insurance company.

Unnamed Insurance Company, Virginia**Origin and Cause Investigation**

Origin and Cause investigation of a heavy equipment fire involving a Log Skidder used to move fallen trees. An examination of the engine compartment revealed a large hole in the engine block with evidence of internal engine failure. Worked through policy coverages with insurance company.

Unnamed Insurance Company, Virginia**Origin and Cause Investigation**

Origin and Cause investigation of a boiler explosion within a medical waste facility resulting in partial building collapse and multi-million-dollar loss. Coordinated evidence collection with proper identification, chain of custody and documentation.

Unnamed insurance Company, Virginia**Origin and Cause Investigation**

Origin and Cause investigation of single-family dwelling resulting in a fatality. A multi-party examination took place and evidence was collected for a lab examination. Laboratory examination revealed an accidental fire causation involving an electric cooking range.

Professional Experience:

EFI Global /Unified Investigations and Sciences Inc., Fire Investigator, 2015-Present
Unified Investigations and Sciences Inc., Evidence Technician, 2014-2015
Massachusetts State Police, Fire Marshal Intern, 2013

Specialized Education:

Fireplace & Chimney Inspection Program, Fireplace Investigation, Research & Education Service, July 17- 22, 2023, 48 hours (tested).

Lithium-Ion Battery Fires, Vermont IAAI Seminar, June 2, 2023, 8 hours (tested).

Evidence Collection at Fire Scenes/ Understanding Laboratory Testing & GCMS, Vermont IAAI Seminar, June 1, 2023, 4 hours (tested).

Electrical Distribution Utility Fundamentals, Vermont IAAI Seminar, June 1, 2023, 4 hours (tested).

Crash Data Retrieval (CDR) Technician, Collision Safety Institute, September 30, 2022, 16 hours (tested).

Electrical Review and Small Appliance Fires, Vermont IAAI Seminar, September 9, 2022, 8 hours (tested)

Sunlight as an Ignition Source, Vermont IAAI Seminar, September 8, 2022, 4 hours (tested)
Investigating Lightning Strike Fire Scenes, Vermont IAAI Seminar, September 8, 2022, 4 hours (tested)
Alternative Fuel Vehicles, August 31, 2022, 3 hours, (tested)
NFPA 1033 & 921: 2022/2021 Editions Important Updates, August 31, 2022, 3 hours, (tested)
Introduction to Appliances, August 30, 2022, 3 hours, (tested)
Discovery in Criminal Cases, January 31, 2020, 3 hours, (tested)
Discovery in Civil Cases, January 31, 2020, 3 hours, (tested)
Critical Evaluation and Testing Commonly Report Accidental Causes, January 31, 2020, 3 hours (tested)
Basic Electricity, January 31, 2020, 4 hours, (tested)
Charting Your Career Path in Fire Investigations, January 30, 2020, 3 hours, (tested)
2019 Vehicle Fire, Arson & Explosion Investigation Training Program, National Association of Fire Investigators, KY, 28 hours tested
Fire Pattern Certification, Public Agency Training Council VA, 2017
Fire Investigative Approaches, IAAI NC/SC Chapter, 2017
AHERA- OSHA O&M Refresher Training Course, AAA Environmental, 2017
Unified Investigation Course- Essentials of NFPA 1033, Unified Investigations & Sciences, 2017
Motor Vehicle: 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
Thermometry, Heat, and Heat Transfer, CFITrainer.net / IAAI, 2017
Ethical Duties Beyond the Fire Scene, CFITrainer.net / IAAI, 2016
Legal Aspects of Investigating Youth-Set Fires, CFITrainer.net / IAAI, 2016
Investigating Fire and Explosion Incidents Involving a Line of Duty Death, CFITrainer.net / IAAI, 2016
Investigative Concepts, Fire Death and Arson Investigations, 2016
Fire Investigative Approaches, IAAI NC/SC Chapter, 2015
Hazmat First Responder Operations Training, HazMat Student, LLC, 2015
AHERA- OSHA O&M, AAA Environmental, 2015 Investigating Natural Gas Systems, CFITrainer.net / IAAI, 2015
The Deposition Part 1: Format, Content, and Preparation, CFITrainer.net / IAAI, 2015
The Deposition Part 2: Questioning Tactics and Effective Responses, CFITrainer.net / IAAI, 2015
Charleston Sofa Super Store Fire, CFITrainer.net / IAAI, 2014
Communicating The Value of Membership In the IAAI, CFITrainer.net / IAAI, 2014
MagneTek: A Case Study In The Daubert Challenge, CFITrainer.net / IAAI, 2014
NFPA 921 and 1033 Editions: Important Revisions, CFITrainer.net / IAAI, 2014
The Hazwoper Standard, CFITrainer.net / IAAI, 2014
Using Resources to Validate your Hypothesis, CFITrainer.net / IAAI, 2014
NFPA1033 and Your Career, CFITrainer.net / IAAI, 2014
Process of Elimination, CFITrainer.net / IAAI, 2014
The Potential Value of Electronic Evidence in Fire Investigations, CFITrainer.net / IAAI, 2014
Search and Seizure, CFITrainer.net / IAAI, 2014
The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, CFITrainer.net / IAAI, 2014
Writing the Initial Origin and Cause Report, CFITrainer.net / IAAI, 2014
The Scientific Method for Fire and Explosion Investigation, CFITrainer.net / IAAI, 2014
Managing Complex Fire Scene Investigations, CFITrainer.net / IAAI, 2014
Preparation for a Marine Fire Scene, CFITrainer.net / IAAI, 2014
Postflashover Fires, CFITrainer.net / IAAI, 2014
Investigating Motor Vehicle Fires, CFITrainer.net / IAAI, 2014

Wildland Fires Investigations, CFITrainer.net / IAAI, 2014
Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, CFITrainer.net / IAAI, 2014
An Analysis of The Station Nightclub Fire, CFITrainer.net / IAAI, 2014
Investigating Fatal Fires, CFITrainer.net / IAAI, 2014
Ethics and the Fire Investigator, CFITrainer.net / IAAI, 2014
Introduction to Fire Dynamics and Modeling, CFITrainer.net / IAAI, 2014
Agricultural Equipment Fires, IAAI South Carolina Chapter, 2014
IAAI Expert Witness Courtroom Testimony, 2014
Unified Investigation Course – Forensic Investigations, Unified Investigations & Sciences, 2014
Arc Mapping Basics, Unified Investigations & Sciences, 2014
Modular Homes, Arc Mapping/Tracking, Ventilation, IAAI Massachusetts Chapter, 2013
Vacant and Abandoned Buildings: Hazards and Solutions, CFITrainer.net / IAAI, 2014
Fire Protection Systems, CFITrainer.net / IAAI, 2014
Insurance and the Fire Investigation, CFITrainer.net / IAAI, 2014
Fundamentals of Interviewing, CFITrainer.net / IAAI, 2014
How First Responders Impact the Fire Investigation, CFITrainer.net / IAAI, 2014
Explosion Dynamics, JCFITrainer.net / IAAI, 2014
Effective Investigation and Testimony, CFITrainer.net / IAAI, 2014
DNA, CFITrainer.net / IAAI, 2014
Ethics and Social Media, CFITrainer.net / IAAI, 2014
Critical Thinking Solving Cases, CFITrainer.net / IAAI, 2014
Residential Electrical Systems, CFITrainer.net / IAAI, 2014
A Ventilation-Focused Approach to the Impact of Building Structures and Systems of Fire, CFITrainer.net / IAAI, 2014
Arc Mapping Basics, CFITrainer.net / IAAI, 2014
Digital Photography and the Fire Investigator, CFITrainer.net / IAAI, 2014
Fire Investigator Scene Safety, CFITrainer.net / IAAI, 2014
Introduction to Evidence, CFITrainer.net / IAAI, 2014
Physical Evidence at the Fire Scene, CFITrainer.net / IAAI, 2014
Evidence Examination: What Happens at the Lab, CFITrainer.net / IAAI, 2014
Electrical Safety, CFITrainer.net / IAAI, 2014
Fundamentals of Residential Building Construction, CFITrainer.net / IAAI, 2014
IAAI Massachusetts Chapter, Modular Homes, Arc Mapping/Tracking, Ventilation, June 2013

Education:

Bachelor of Science, Fire Science, Fire and Explosion Investigation, University of New Haven, West Haven, Connecticut, 2014
Diploma, Amherst Regional High School, Amherst, Massachusetts, 2010

Affiliations:

International Association of Arson Investigators
National Association of Fire Investigators

++Litigation CV available upon request.