

FORENSIC FIRE INVESTIGATION

Massachusetts, Rhode Island & Connecticut

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NICOLAS PERREAULT

SENIOR FIRE INVESTIGATOR, IAAI-CFI, CFEI, CVFI

QUALIFICATIONS & CURRICULUM VITAE

PROFESSIONAL SUMMARY

Mr. Nicolas Perreault has over 10 years of fire investigation experience working in the private industry. During this time, Mr. Perreault has investigated over a thousand fires, including vehicles, commercial and residential, chimneys, and more. These investigations required close collaboration alongside insurance companies as well as attorneys.

In 2025, Mr. Perreault joined the Thermalogix LLC team as a Sr. Fire Investigator. His responsibilities include fire scene investigations, evidence collection, and presentation of findings.

PROFESSIONAL EXPERIENCE

THERMALOGIX LLC Senior Fire Investigator	2025 –
EFI GLOBAL, INC Fire Investigator – Fire & Explosion Unit	2018 – 2024
UNIFIED INVESTIGATIONS & SCIENCES, INC. Fire Investigator	2014 – 2018
Evidence Technician	2015 – 2018 2014 – 2015

LICENSES & CERTIFICATIONS

International Association of Arson Investigators; Certified Fire Investigator, IAAI-CFI
National Association of Fire Investigators, Certified Fire and Explosion Investigator, CFEI
National Association of Fire Investigators, Certified Vehicle Fire Investigator, CVFI
Fireplace Investigation, Research & Education Service (F.I.R.E.), Certified Fireplace & Chimney Inspector

EDUCATION

Bachelor of Science, Fire and Explosion Investigation, University of New Haven, West Haven, CT 2014

PROFESSIONAL AFFILIATIONS

- International Association of Arson Investigators (IAAI)
- International Association of Arson Investigators, Vermont Chapter
- National Association of Fire Investigators (NAFI)

COURT QUALIFICATIONS & DEPOSITIONS

- **EXPERT WITNESS:** IAAI Expert Witness Courtroom Testimony (2014)

SPECIALIZED EDUCATION & TRAINING

- Fireplace & Chimney Inspection Program, Fireplace Investigation, Research & Education Service 2023
- Lithium-Ion Battery Fires, Vermont IAAI 2023
- Evidence Collection at Fire Scenes/ Understanding Laboratory Testing & GCMS, Vermont IAAI 2023
- Electrical Distribution Utility Fundamentals, Vermont IAAI 2023
- Crash Data Retrieval (CDR) Technician, Collision Safety Institute 2022
- Electrical Review and Small Appliance Fires, Vermont IAAI 2022
- Sunlight as an Ignition Source, Vermont IAAI 2022
- Investigating Lightning Strike Fire Scenes, Vermont IAAI 2022
- Alternative Fuel Vehicle, IAAI 2022
- NFPA 1033 & 921: 2022/2021 Editions Important Updates, IAAI 2022
- Introduction to Appliances, IAAI 2022
- Discovery in Criminal Cases, IAAI 2020
- Discovery in Civil Cases, IAAI 2020
- Critical Evaluation and Testing Commonly Report Accidental Causes, IAAI 2020
- Basic Electricity, IAAI 2020
- Charting Your Career Path in Fire Investigations, IAAI 2020
- Vehicle Fire, Arson, & Explosion Investigation Training Program
National Association of Fire Investigators, Lexington, KY 2019
- What the Insurance Professional Needs to Know About Fire Investigation, IAAI 2019
- Fire Investigative Approaches, IAAI North Carolina/South Carolina Chapter,
Myrtle Beach, SC 2017
- Motor Vehicle: Transmission, Exhaust, Brake, and Accessory Systems, IAAI 2017
- Motor Vehicles: The Engine and the Ignition, Electrical and Fuel Systems, IAAI 2017
- PATC: Fire Pattern Certification 2017
- AAA Environmental AHERA- OSHA O&M Refresher Training Course, OSHA 2017
- Unified Investigation Course- Essentials of NFPA 1033 Unified Investigations & Sciences 2017
- Thermometry, Heat, and Heat Transfer, IAAI 2017
- Ethical Duties Beyond the Fire Scene, IAAI 2016
- Legal Aspects of Investigating Youth-Set Fires, IAAI 2016
- Investigating Fire and Explosion Incidents Involving a Line of Duty Death, IAAI 2016

SPECIALIZED EDUCATION & TRAINING (cont.)

- Fire Death and Arson Investigations, Investigative Concepts, Chesapeake, VA 2016
- Investigating Natural Gas Systems, IAAI 2015
- Fire Investigative Approaches, IAAI North Carolina/South Carolina Chapter, Myrtle Beach, SC 2015
- Hazmat First Responder Operations Training, HazMat Student, LLC 2015
- AAA Environmental AHERA- OSHA O&M 2015
- The Deposition Part 1: Format, Content, and Preparation, IAAI 2015
- The Deposition Part 2: Questioning Tactics and Effective Responses, IAAI 2015
- Charleston Sofa Super Store Fire, IAAI 2014
- Communicating The Value of Membership In the IAAI, IAAI 2014
- MagneTek: A Case Study In The Daubert Challenge, IAAI 2014
- NFPA 921 and 1033 Editions: Important Revisions, IAAI 2014
- The HAZPOWER Standard, IAAI 2014
- Using Resources to Validate your Hypothesis, IAAI 2014
- NFPA1033 and Your Career, IAAI 2014
- Process of Elimination, IAAI 2014
- The Potential Value of Electronic Evidence in Fire Investigations, IAAI 2014
- Search and Seizure, IAAI 2014
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, IAAI 2014
- Writing the Initial Origin and Cause Report, IAAI 2014
- The Scientific Method for Fire and Explosion Investigation, IAAI 2014
- Managing Complex Fire Scene Investigations, IAAI 2014
- Preparation for a Marine Fire Scene, IAAI 2014
- Post-Flashover Fires, IAAI 2014
- Investigating Motor Vehicle Fires, IAAI 2014
- Wildland Fires Investigations, IAAI 2014
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, IAAI 2014
- An Analysis of The Station Nightclub Fire, IAAI 2014
- Investigating Fatal Fire, IAAI 2014
- Ethics and the Fire Investigator, IAAI 2014
- Introduction to Fire Dynamics and Modeling, IAAI 2014
- Vacant and Abandoned Buildings: Hazards and Solutions, IAAI 2014
- Fire Protection Systems, IAAI 2014
- Insurance and the Fire Investigation, IAAI 2014
- Fundamentals of Interviewing, IAAI 2014
- How First Responders Impact the Fire Investigation, IAAI 2014
- Explosion Dynamics, IAAI 2014
- Effective Investigation and Testimony, IAAI 2014
- DNA, IAAI 2014
- Ethics and Social Media, IAAI 2014
- Critical Thinking Solving Cases, IAAI 2014

SPECIALIZED EDUCATION & TRAINING (cont.)

- Residential Electrical Systems, IAAI 2014
- A Ventilation-Focused Approach to the Impact of Building Structures and Systems of Fire, IAAI 2014
- Arc Mapping Basics, IAAI 2014
- Digital Photography and the Fire Investigator, IAAI 2014
- Fire Investigator Scene Safety, IAAI 2014
- Introduction to Evidence, IAAI 2014
- Physical Evidence at the Fire Scene, IAAI 2014
- Evidence Examination: What Happens at the Lab, IAAI 2014
- Electrical Safety, IAAI 2014
- Fundamentals of Residential Building Construction, IAAI 2014
- Agricultural Equipment Fires, IAAI South Carolina, Florence, SC 2014
- Expert Witness Courtroom Testimony, IAAI 2014
- Unified Investigation Course: Forensic Investigations, Unified Investigations & Sciences Charlotte, NC 2014
- Arc Mapping Basics, Unified Investigations & Sciences, Charlotte, NC 2014
- Modular Homes, Arc Mapping/Tracking, Ventilation, IAAI Massachusetts 2013
- Documenting the Scene, IAAI 2013
- Modular Homes, Arc Mapping/Tracking, Ventilation, IAAI Massachusetts 2013