

## David Stoltz | Fire Investigator, NAFI-CFEI, IAAI-FIT/ECT

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### Professional Summary:

Mr. Stoltz has over 7 years of years of Fire Service experience. Mr. Stoltz spent 6 years as a volunteer firefighter in Carlstadt, New Jersey and 2 years as a volunteer firefighter in the town of Orange, Connecticut. In addition to this, Mr. Stoltz has received a B.S. in Criminal Justice and a M.S. in Fire and Explosion Investigation from the University of New Haven. Mr. Stoltz possesses a strong background in the scientific method, criminal law and procedure, analysis of burn patterns, scene reconstruction, evidence collection, and scene documentation. Mr. Stoltz has worked with Local and State and agencies on many assignments in multiple capacities and is dedicated to conducting systematic and safe investigations.

Areas of Expertise:

- Fire Investigations
- Explosives
- Hazardous Materials
- Law Enforcement and Fire Service Operations

### Licenses and Certifications:

Evidence Collection Technician, International Association of Arson Investigators no.979

Certified Fire and Explosion Investigator, National Association of Fire Investigators no.26733-15269

Georgia Private Investigator License no. PDE052145

South Carolina Private Investigator License no. RD255077

CFI Trainer Principles of Fire Investigation

CFI Trainer Fire Investigation for Fire Officers

- Concentration in: Youth-Set Fires (1/14/2022)
- Concentration in: Motor Vehicle Fires (1/18/2022)

Fire Investigation Technician, International Association of Arson Investigators

Firefighter I Certification

International Association of Firefighters Core HazMat Operations and Mission-Specific PPE and Product Control

International Association of Firefighters Hazardous Materials Awareness Level 1

### Professional Experience:

EFI Global, Fire Investigator 2023-Present  
EFI Global, Fire and Evidence Technician 2021- 2023  
University of New Haven Fire Science Department, Graduate Assistant 2019-2021  
New Haven Fire Department Fire Investigation/Administration Intern, 2019-2019  
Orange Volunteer Fire Department, Firefighter, 2019-2021  
Carlstadt Fire Department, Firefighter, 2016-2021

### Specialized Education:

NC IAAI Expert Witness Courtroom Testimony Course 2023  
The Scientific Method for Fire and Explosion Investigation CFI Trainer 2023  
Fire Effects Part 1 Heat Effects on Fuels 2023  
ITC Born to Burn 2023  
ITC Complex Fire Investigations with Focus on Electrical Systems 2023  
ITC Firearm with a Focus on Fire Cause 2023  
ITC Understanding Fuel Gas Codes 2023  
ITC Butane Hash Oil 2023  
ITC Looking Past the Fire 2023  
ITC NFPA 1321: Standard for Fire Investigation Units 2023  
ITC Fire Photography 2023  
ITC Strategic Suspect Interviewing Techniques 2023  
ITC An Examination of Wi-Fi (Smart) Plug 2023  
ITC Investigating Arson for Profit 2023  
ITC Gone Without a Trace 2023  
ITC Opening Ceremonies 2023  
Computer Profiling 2022  
"Challenges to Expert Qualifications, Methodology, & Opinions" 2022  
Discussion NFPA 1321: Standard for Fire Investigation Units 2022  
Future of Fire Investigations & Roundtable Discussion 2022  
Post Blast Investigations (ATF) 2022  
Investigation of Hood System Operations 2022  
Accreditation, Certification, and Certificates CFI Trainer 2022  
Alternative Fuel Vehicles CFI Trainer 2022  
Basic Electricity CFI Trainer 2022  
Communicating the Value of Membership in the IAAI CFI Trainer 2022  
Critical Thinking Solves Cases CFI Trainer 2022  
Digital Photography and the Fire Investigator CFI Trainer 2022  
Effective Investigation and Testimony CFI Trainer 2022  
Electric & Hybrid Vehicle Fires CFI Trainer 2022  
Electrical Safety CFI Trainer 2022  
Fire Investigation for Fire Officers CFI Trainer 2022  
Fire Protection Systems CFI Trainer 2022  
Fundamentals of Interviewing CFI Trainer 2022  
Fundamentals of Residential Building Construction CFI Trainer 2022  
Insurance and the Fire Investigation CFI Trainer 2022

Introduction to Appliances CFI Trainer 2022  
Introduction to Youth-Set Fires CFI Trainer 2022  
Investigating Natural Gas Systems CFI Trainer 2022  
Legal Aspects of Investigating Youth-Set Fires CFI Trainer 2022  
Lithium-Ion Battery Fires CFI Trainer 2022  
MagneTek: A Case Study In The Daubert Challenge CFI Trainer 2022  
Motive, Means, and Opportunity: Determining Responsibility in an Arson Case CFI Trainer 2022  
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems CFI Trainer 2022  
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems CFI Trainer 2022  
Photovoltaic Cells & Systems CFI Trainer 2022  
Preventing Occupational Exposures to Carcinogens at the Fire Scene CFI Trainer 2022  
Process of Elimination CFI Trainer 2022  
Residential Electrical Systems CFI Trainer 2022  
Residential Natural Gas Systems CFI Trainer 2022  
The Deposition Part 1: Format, Content, and Preparation CFI Trainer 2022  
The Deposition Part 2: Questioning Tactics and Effective Responses CFI Trainer 2022  
The Impact of Ventilation in Building Structures on Fire Development CFI Trainer 2022  
The Potential Value of Electronic Evidence in Fire Investigations CFI Trainer 2022  
Thermometry, Heat, and Heat Transfer CFI Trainer 2022  
Understanding the Fire Investigator's Job: A Guide for Non-Investigators CFI Trainer 2022  
Using Resources to Validate your Hypothesis CFI Trainer 2022  
Charting Your Career Path In Fire Investigation CFI Trainer 2021  
Critical Evaluation and Testing of Commonly Reported Accidental Causes CFI Trainer 2021  
Electric & Hybrid Vehicle Design Basics CFI Trainer 2021  
Emerging Technologies in Fire Investigation CFI Trainer 2021  
Explosion Dynamics CFI Trainer CFI Trainer 2021  
Fire Flow Analysis CFI Trainer CFI Trainer 2021  
Fire Investigator Scene Safety CFI Trainer 2021  
Understanding Undetermined CFI Trainer CFI Trainer 2021  
Writing the Initial Origin and Cause Report CFI Trainer 2021  
FIRE 6667 Fire and Building Codes 2021  
CTIAAI Electrical Fundamentals 2021  
CTIAAI Investigating Fatal Motor Vehicle Fires: Accident Or Not? 2021  
SCIAAI Advanced Fire Scene Documentation & Evidence Collection 2021  
University of New Haven FIRE 6625 Chemistry of Fire and Explosions 2020  
University of New Haven FIRE 6669 Dynamics, Evaluation, and Prevention of Structure Fires 2020  
University of New Haven FIRE 6670 Quantitative Analysis of Fire 2020  
University of New Haven FIRE 6625 Chemistry of Fire and Explosions 2020  
University of New Haven FIRE 6649 Fire Scene Investigation and Arson Analysis 2020  
University of New Haven FIRE 6650 Arson for Profit 2020  
CTIAAI 35h "Virtual" Annual Arson Investigators Seminar 2020  
CTIAAI 35h "Virtual" annual arson investigators seminar: Burn Boston Burn 2020  
CTIAAI 35h "Virtual" annual arson investigators seminar: Tools, Tips and Technology for the Fire Investigator 2020  
University of New Haven FIRE 6649 Fire Scene Investigation and Arson Analysis 2020  
University of New Haven FIRE 6684 Fire Scene Reconstruction 2020  
Investigating Fatal Fires CFI Trainer 2020  
Investigating Motor Vehicle Fires CFI Trainer 2020  
Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death CFI Trainer 2020

Preparation for the Marine Fire Scene CFI Trainer 2020  
University of New Haven FS313 Fire Investigation II 2019  
University of New Haven FS14 Fire Investigation II Lab 2019  
CTIAAI 34th Annual Arson Investigators Seminar 2019  
CTIAAI 34h annual arson investigators seminar: Field Interviews and Witness Statements 2019  
CTIAAI 34h annual arson investigators seminar: Interviews and Interrogations 2019  
Arson for Profit: From the Mouth of an Arsonist 2019  
University of New Haven FIRE 6670 Fire Modeling 2019  
University of New Haven FIRE 6665 Legal Aspects of Fire and Arson Investigation 2019  
How First Responders Impact the Fire Scene CFI Trainer 2019  
University of New Haven FS 204 Fire Investigation I 2018  
DNA CFI Trainer 2018  
Physical Evidence at the Fire Scene CFI Trainer 2018  
Search and Seizure CFI Trainer 2018  
Documenting the Event CFI Trainer 2018  
Ethical Duties Beyond the Fire Scene CFI Trainer 2018  
Ethics and Social Media CFI Trainer 2018  
Evidence Examination: What Happens at the Lab? CFI Trainer 2018  
Fire Chemistry CFI Trainer 2018  
Introduction to Evidence CFI Trainer 2018

#### Education:

Master of Science, Fire and Explosion Investigation, University of New Haven, CT, 2021  
Bachelor of Science, Criminal Justice, University of New Haven, West Haven, CT 2019

#### Affiliations:

International Association of Arson Investigators (IAAI), Member since 2020  
National Association of Fire Investigators (NAFI), Member since 2022F  
GA Chapter of International Association of Arson Investigators, Member since 2023

#### Courses Instructed/ Guest Lecturer:

FDNY Fire Chemistry Lecture 2019  
University of New Haven Fire Investigation II Lab Course 2019-2021