David Stoltz | Fire Investigator and Explosion 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

Certified Fire Investigator, International Association of Arson Investigators, 08-0716100

Private Investigator, State of Georgia, License no. PDE052145

Private Investigator, State of South Carolina, License no. RD255077

Fire Investigation Technician, International Association of Arson Investigators

Firefighter I Certification 7/27/2016

International Association of Firefighters Core HazMat Operations and Mission-Specific PPE and Product Control 7/27/2016

International Association of Firefighters Hazardous Materials Awareness Level 1 7/27/2016

International Association of Firefighters Hazardous Materials First Responder Operations Level 2 7/27/2016

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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:

Bosch CDR Tool Technician Training, 8/29/2023 IPTM
Challenges to Expert Qualifications, Methodology & Opinions for Public and Private Sector Investigators, 3/17/2026 GFIA
Ten Hands-on Failure Analysis Stations with Engineers Explaining Failure Modes of Different Appliances or Components, 3/18/2026 GFIA
Complex Fire Investigations – With and Without the Badge, 3/19/2026 GFIA
Serial Arsonist & Profiling, GFIA, 7/31/2025
Investigating Photovoltaic Solar Panel Farms, CFIA, 7/29/2025
Investigating Electric Vehicle Fires, GFIA, 7/28/2025
Ethical Duties of a Fire Investigator Refresher, CFITrainer.net, 6/27/2025
IS-2500 National Prevention Framework an Introduction, FEMA, 6/30/2025
Charleston Sofa Super Store Fire, CFI Trainer.net, 7/31/2024
Arc Mapping Basics, CFI Trainer.net, 7/30/2024
Understanding Fire Through the Candle Experiments, CFI Trainer.net, 7/24/2024
Wildland Fires Investigation, CFI Trainer.net, 6/19/2024
Discovery in Criminal Cases, CFI Trainer.net, 6/19/2024
Discovery in Civil Cases, CFI Trainer.net, 6/18/2024
Postflashover Fires, CFI Trainer.net, 6/18/2024
Commercial Kitchen Fires 1: Fundamentals, CFI Trainer.net, 6/17/2024
Managing Complex Fire Scene Investigations, CFI Trainer.net, 6/14/2024
What the Insurance Professional Needs to Know About Fire Investigation, CFI Trainer.net, 6/14/2024
Fire Dynamics in the Wildland, CFI Trainer.net, 6/13/2024
NFPA 1033 & 921: 2022/2021 Editions Important Updates, CFI Trainer.net, 6/12/2024
Vacant and Abandoned Buildings: Hazards and Solutions, CFI Trainer.net, 6/11/2024
The HAZWOPER Standard, CFI Trainer.net, 6/11/2024
Personal Protective Equipment for Post-Fire Scenes, CFI Trainer.net, 6/4/2024
Ignitable Liquid Detection Canine Teams, CFI Trainer.net, 6/3/2024
Donning and Doffing Personal Protective Equipment, CFI Trainer.net, 5/9/2024
Site Safety Assessment, CFI Trainer.net, 5/9/2024
NC IAAI Expert Witness Courtroom Testimony Course 11/1-3/2023
The Scientific Method for Fire and Explosion Investigation CFI Trainer.net 10/9/2023
Fire Effects Part 2 Combustion By-Products Effects CFI Trainer.net 6/5/2023
Fire Effects Part 1 Heat Effects on Fuels CFI Trainer.net 5/15/2023
2023 IAAI International Training Conference 4/23-28/2023
ITC Born to Burn

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ITC Complex Fire Investigations with Focus on Electrical Systems
ITC Firearm with a Focus on Fire Cause
ITC Understanding Fuel Gas Codes
ITC Butane Hash Oil
ITC Looking Past the Fire
ITC NFPA 1321: Standard for Fire Investigation Units
ITC Fire Photography
ITC Strategic Suspect Interviewing Techniques
ITC An Examination of Wi-Fi (Smart) Plug
ITC Investigating Arson for Profit
ITC Gone Without a Trace
ITC Opening Ceremonies

GFIA SE Annual Training Conference at Savannah Riverfront 7/25-28/2022
Computer Profiling
"Challenges to Expert Qualifications, Methodology, & Opinions"
Discussion NFPA 1321: Standard for Fire Investigation Units
Future of Fire Investigations & Roundtable Discussion
Post Blast Investigations (ATF)
Investigation of Hood System Operations

Digital Photography and the Fire Investigator CFI Trainer.net 3/1/2022
The Impact of Ventilation in Building Structures on Fire Development CFI Trainer.net 2/17/2022
The Deposition Part 1: Format, Content, and Preparation CFI Trainer.net 2/16/2022
The Deposition Part 2: Questioning Tactics and Effective Responses CFI Trainer.net 2/16/2022
Critical Thinking Solves Cases CFI Trainer.net 2/16/2022
Communicating the Value of Membership in the IAAI CFI Trainer.net 2/16/2022
Using Resources to Validate your Hypothesis CFI Trainer.net 1/21/2022
Process of Elimination CFI Trainer.net 1/21/2022
Motive, Means, and Opportunity: Determining Responsibility in an Arson Case CFI Trainer.net 1/20/2022
MagneTek: A Case Study In The Daubert Challenge CFI Trainer.net 1/20/2022
Basic Electricity CFI Trainer 1/20/2022
Photovoltaic Cells & Systems CFI Trainer.net 1/19/2022
Electrical Safety CFI Trainer.net 1/19/2022
Thermometry, Heat, and Heat Transfer CFI Trainer.net 1/19/2022
Preventing Occupational Exposures to Carcinogens at the Fire Scene CFI Trainer.net 1/19/2022
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems CFI Trainer.net 1/18/2022
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems CFI Trainer.net 1/18/2022
Introduction to Appliances CFI Trainer.net 1/14/2022
Alternative Fuel Vehicles CFI Trainer.net 1/14/2022
Legal Aspects of Investigating Youth-Set Fires CFI Trainer.net 1/14/2022
Fundamentals of Residential Building Construction CFI Trainer.net 1/13/2022
Fire Protection Systems CFI Trainer.net 1/13/2022
Introduction to Youth-Set Fires CFI Trainer.net 1/11/2022
Understanding the Fire Investigator's Job: A Guide for Non-Investigators CFI Trainer 1/11/2022
Investigating Natural Gas Systems CFI Trainer.net 1/11/2022
The Potential Value of Electronic Evidence in Fire Investigations CFI Trainer 1/10/2022
Residential Natural Gas Systems CFI Trainer.net 1/10/2022
Insurance and the Fire Investigation CFI Trainer.net 1/7/2022

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Residential Electrical Systems CFI Trainer.net 1/7/202022
Fundamentals of Interviewing CFI Trainer.net 1/6/2022
Accreditation, Certification, and Certificates CFI Trainer.net 1/6/2022
Lithium-Ion Battery Fires CFI Trainer.net 1/6/2022
Electric & Hybrid Vehicle Fires CFI Trainer.net 1/6/2022
Fire Investigation for Fire Officers CFI Trainer.net 1/5/2022
Effective Investigation and Testimony CFI Trainer.net 1/5/2022
Explosion Dynamics CFI Trainer CFI Trainer.net 11/24/2021
Writing the Initial Origin and Cause Report CFI Trainer 11/24/2021
The Scientific Method for Fire and Explosion Investigation CFI Trainer.net 11/24/2024
Emerging Technologies in Fire Investigation CFI Trainer.net 11/23/2021
Fire Flow Analysis CFI Trainer CFI Trainer.net 11/23/2021
Critical Evaluation and Testing of Commonly Reported Accidental Causes CFI Trainer.net 11/22/2021
Fire Investigator Scene Safety CFI Trainer.net 11/22/2021
Understanding Undetermined CFI Trainer CFI Trainer.net 11/5/2021
Charting Your Career Path In Fire Investigation CFI Trainer 11/4/2021
Electric & Hybrid Vehicle Design Basics CFI Trainer 11/4/2021
SCIAAI Advanced Fire Scene Documentation & Evidence Collection 9/21-23/2021
IAAI Electrical Fundamentals 8/24/2021
CTIAAI Investigating Fatal Motor Vehicle Fires: Accident Or Not? 6/29/2021
NFPA 1033 and Your Career CFI Trainer.net 6/2/2022
Ethics and the Fire Investigator CFI Trainer.net 6/2/2022
University of New Haven FIRE 6667 Fire and Building Codes 2021
Preparation for the Marine Fire Scene CFI Trainer.net 1/7/2021
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 35th "Virtual" Annual Arson Investigators Seminar 11/5/2020
    CTIAAI 35th "Virtual" annual arson investigators seminar: Burn Boston Burn 2020
    CTIAAI 35th "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 Fire and Explosion Incidents Involving a Line-Of-Duty Death CFI Trainer.net 5/11/2020
Investigating Motor Vehicle Fires CFI Trainer.net 4/20/2020
Investigating Fatal Fires CFI Trainer.net 4/30/2020
An Analysis of the Station Nightclub Fire CFI Trainet.net 4/19/2020
CTIAAI 34th Annual Arson Investigators Seminar 11/14-11/15/2019
    CTIAAI 34h annual arson investigators seminar: Field Interviews and Witness Statements
    CTIAAI 34h annual arson investigators seminar: Interviews and Interrogations
    CTIAAI 34h annual arson investigators seminar: Arson for Profit: From the Mouth of an Arsonist
University of New Haven FIRE 6670 Fire Modeling 2019
University of New Haven FIRE 6665 Legal Aspects of Fire and Arson Investigation 2019

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University of New Haven FS14 Fire Investigation II Lab 2019
University of New Haven FS313 Fire Investigation II 2019
University of New Haven FS 204 Fire Investigation I 2018
Fire Chemistry CFI Trainer.net 12/12/2018
Ethical Duties Beyond the Fire Scene CFI Trainer.net 12/12/2018
Ethics and Social Media CFI Trainer.net 12/12/2018
Documenting the Event CFI Trainer.net 12/4/2018
Physical Evidence at the Fire Scene CFI Trainer.net 11/15/2018
Evidence Examination: What Happens at the Lab? CFI Trainer.net 11/15/2018
Introduction to Evidence CFI Trainer.net 11/14/2018
DNA CFI Trainer 11/13/2018
Search and Seizure CFI Trainer.net 11/13/2018
How First Responders Impact the Fire Scene CFI Trainer.net 11/6/2018

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 2022
GA Chapter of International Association of Arson Investigators, Member since 2023
International Association of Arson Investigators Student Committee Member, Since 2024

Courses Instructed/ Guest Lecturer:

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

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