

## John Steele | Senior Fire Investigator, IAAI-CFI

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### Professional Summary:

John Steele began his career as an EMT for Rural/ Metro Ambulance Service. In this position he was responsible for providing emergency medical treatment. In 1996 he began his career in the fire service as a Firefighter/ EMT where he was responsible for fire suppression and patient care. He worked his way through the ranks to Captain where he was responsible for supervisory and teaching rolls. In 2014 he transferred to the fire investigation unit where he became a Certified Law Enforcement Officer and Certified Firearms Instructor along with Certified Fire Investigator with the International Association of Arson Investigators.

### Areas of Expertise:

- Origin and Cause analysis
- Firefighting Strategy and Tactics
- Criminal Investigation

### Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, 04-030263

Fire Investigator, Tennessee Fire and Codes Academy

Law Enforcement Officer, TN Police Officer Standards and Training

Fire Officer 1, Tennessee Fire and Codes Academy

### Professional Experience:

EFI Global, Fire Investigator, 2022-Present

Knoxville Fire and Explosion Investigation Unit, Fire Investigator, 2014-2022

Knoxville Fire Department, Captain 1996-2014

### Specialized Education:

IAAI, AL 2023-Fundamentals of Fire, (4 Hours tested training, 2023)

IAAI, AL 2023- Burn to Learn, (8 Hours tested training, 2023)

IAAI, AL 2023 Marine Fire Investigations and NFPA Standards, (8 Hour tested training, 2023)

IAAI, Motor Vehicle Fire Investigation 3- Day, (24 Hour tested training, 2023)

IAAI, CFI Trainer, Discovery in Criminal Cases, (3 Hours tested training, 2023)

IAAI, CFI Trainer, Fire Effects Part 2: Combustion By-Products Effects, (3 Hours tested training, 2023)

IAAI, CFI Trainer, Fire Effects Part 1: Heat Effects on Fuels, (3 Hours tested training, 2023)

IAAI, CFI Trainer, Knowledge 1 Motor Vehicle Fires Tier 1, (8 Hours tested training, 2023)

Western Carolina University, 2022- Forensic Anthropology & Burned Remains, (16 Hours tested training, 2022)

NCTER, TFACA 2022- Electrical Aspects of Fire Investigation  
IAAI, TN 2022-Basic Fire Dynamics (4 hours tested training,2022)  
IAAI, TN 2022-Burnstuff to Learn Stuff (4 hours tested training,2022)  
IAAI, TN 2022-Challenges to Expert Qualifications, Methodology and Opinions (4 hours tested training,2022)  
IAAI, TN 2022-Cigarette Ignition Analysis (4 hours tested training,2022)  
IAAI, TN 2022-Fire Fatalities/Line of Duty Death Investigations (4 hours tested training,2022)  
IAAI, TN 2022-Fire Investigator Safety (6 hours tested training,2022)  
IAAI, TN 2022-Law Update and Search Warrants (3 hours tested traing,2022)  
IAAI, TN 2022-RV Fires and their Investigation (4 hours tested traing,2022)  
IAAI, CFI Trainer, The Deposition Part 1: Format, Content, and Preparation (3 hours tested training,2022)  
IAAI, CFI Trainer, The Deposition Part 2: Questioning Tactics and Effective Responses (3 hours tested training,2022)  
IAAI, CFI Trainer, Residential Electric Systems (4 hours tested traing,2022)  
IAAI, CFI Trainer, Mane Tek: A Case Study In The Daubert Challenge (2 hours tested traing,2022)  
IAAI, CFI Trainer, Insurance and the Fire Investigation, (4 hours tested training,2022)  
IAAI, CFI Trainer, Evidence Examination: What Happens at the Lab ?, (4 hours tested traing,2022)  
IAAI, CFI Trainer, Electric and Hybrid Vehicle Design (3 hours tested training,2022)  
IAAI, CFI Trainer, Effective Investigation and Testimony (3 hours tested training,2022)  
IAAI, CFI Trainer, Discovery in Civil Cases (3 hours tested training,2022)  
IAAI, CFI Trainer, Basic Electricity (4 hours tested training,2022)  
IAAI, CFI Trainer, Arc Mapping Basics (4 hours tested training,2022)  
IAAI, TN 2019 Annual Training Conference (32 hours tested training,2019)  
IAAI, Marine Fire Investigation (28 hours tested training,2019)  
IAAI, Fire Investigation Technician (tested certification, 2018)  
IAAI, CFI Trainer, Preparation for the Marine Fire Scene (4 hours tested training,2017)  
IAAI, CFI Trainer, Digital Photography and the Fire Investigator (4 hours tested training,2016)  
IAAI, CFI Trainer, The Impact of Ventilation in Building Structures on Fire Development (4 hours tested training,2015)  
IAAI, CFI Trainer, Search and Seizure (4hours tested traing,2015)  
IAAI, CFI Trainer, Post Flashover Fires (4 hours tested training,2015)  
IAAI, CFI Trainer, Physical Evidence at the Fire Scene (4 hours tested training,2015)  
IAAI, CFI Trainer, Investigating Motor Vehicle Fires (4 hours tested training,2015)  
IAAI, CFI Trainer, Investigating Fatal Fires (4 hours tested training,2015)  
IAAI, CFI Trainer, Introduction to Fire Dynamics and Modeling (4 hours tested training,2015)  
IAAI, CFI Trainer, Fundamentals of Interviewing (4 hours tested training,2015)  
IAAI, CFI Trainer, Fire Protection Systems (3 hours tested training,2015)  
IAAI, CFI Trainer, Critical Thinking Solves Cases (4 hours tested training,2015)  
IAAI, CFI Trainer, Writing the Initial Origin and Cause Report (3 hours tested training,2014)  
IAAI, CFI Trainer, Understanding Fire Through the Candle Experiments (4 hours tested training,2014)  
IAAI, CFI Trainer, The Scientific Method for Fire and Explosion Investigation (3 hours tested training,2014)  
IAAI, CFI Trainer, The Practical Application of the Relationship Between NFPA 1033 and NFPA 921 (2 hours tested training,2014)  
IAAI, CFI Trainer, Process of Elimination (3 hours tested training,2014)  
IAAI, CFI Trainer, NFPA 1033 and Your Career (2 hours tested training,2014)  
IAAI, CFI Trainer, Introduction to Evidence (4 hours tested training,2014)  
IAAI, CFI Trainer, How First Responders Impact The Fire Investigation (2 hours tested training,2014)

IAAI, CFI Trainer, Fundamentals of Residential Building Construction (3 hours tested training,2014)

IAAI, CFI Trainer, Fire Investigator Scene Safety (3 hours tested training,2014)

IAAI, CFI Trainer, Ethics and the Fire Investigator (3 hours tested training,2014)

IAAI, CFI Trainer, Electrical Safety (3 hours tested training,2014)

IAAI, CFI Trainer, Documenting the Event (4 hours tested training,2014)

#### **Affiliations:**

International Association of Arson Investigators (IAAI), Certified Fire Investigator

International Association of Firefighters (IAFF)

National Association of Fire Investigators (NAFI)

Tennessee Chapter, International Association of Arson Investigators

Alabama Chapter, International Association of Arson Investigators

#### **Courses Instructed/ Guest Lecturer:**

Fire Investigation for New Fire Officers