

## Charles Williamson | Fire Investigator, IAAI-CFI, NAFI-CFEI

3101 Yorkmont Rd., Suite 1800, Charlotte, NC 28208

Cell Phone: 803-288-2882

[charles.williamson@efiglobal.com](mailto:charles.williamson@efiglobal.com)

### Professional Summary:

Mr. Williamson has over thirty years of Fire Service experience. He has been a member of the Bethesda Volunteer Fire Department since June of 1990. He has served during this time as a Captain and Asst. Chief. Mr. Williamson was a firefighter with Rock Hill Fire Department from March 1992 to September of 1998. He then took a position as deputy fire marshal with the York County Fire Marshal's Office and served with them until October 2021 when he retired. He has now taken a position as a fire investigator with EFI Global. Mr. Williamson is a certified fire and explosion investigator with NAFI as well as an IAAI certified fire investigator. He has investigated over 850 fire scenes that have involved arson investigations, multimillion-dollar losses and numerous fatalities. Mr. Williamson has worked with Local, State and Federal agencies on many assignments in multiple capacities.

### Areas of Expertise:

- Fire Investigation
- Explosives
- Hazardous Materials
- EDR retrievals

### Licenses and Certifications:

International Association of Arson Investigators (IAAI)-Certified Fire Investigator, (CFI)  
Private Investigator, State of South Carolina, License # RD 246312  
Private Investigator, State of North Carolina, License # 956821  
Certified Fire and Explosion Investigator, National Association of Fire Investigators (CFEI), # 26050-14824  
NFFPA Firefighter II Certification  
SC Fire Marshal  
Bosch CDR Tool Technician, Institute of Police Technology and Management

### Project Experience:

Letter from Private Investigator Phil Brooks to York County Manager Mr. Shanahan on May 2015 in reference to outstanding investigation conducted by the York County Fire Marshal's Office investigators.

On June 6, 2017, Mr. Williamson conducted an investigation that was determined to be incendiary. During the criminal investigation a suspect was determined which was the boyfriend of the owner of the residence. During the fire investigation, Mr. Williamson and the York County Sheriff's Office received information that the suspect had killed his wife in Chester, SC, the previous year. This led Chester County Sheriff's Office and State Law Enforcement Division to re-open the death investigation. This led to the suspect being arrested for the murder of his wife and for the arson.

### Court Qualifications / Depositions:

Litigation CV available upon request.

### Professional Experience:

EFI Global, Fire Investigator 2021 – present  
York County Dept of Fire Safety 1998 – 2021  
Rock Hill Fire Department 1992 – 1998  
Bethesda Volunteer Fire Department 1990 - present

### Specialized Education:

Lightning Fire Cause Investigation, Safety Skills, 2026  
Hazwoper Refresher, Safety Skills, 2026  
Challenges To Expert Qualifications, SCIAAI, 2026  
Accreditation, Certification, and Certificates, CFI Trainer, 2025  
Analysis of The Station Nightclub Fire, CFI Trainer, 2025  
Digital Photography and the Fire Investigator, CFI Trainer, 2025  
Hazwoper Training Refresher (8hrs) Sedgwick, 2025  
Solar Panels & Fire Investigations (8hrs), SCIAAI, 2024  
The Roles & Impacts Of Public/Private Fire/Explosion Investigations (8hrs) SCIAAI, 2024  
NICB Resources (2hrs) NC/SC IAAI Conference, 2024  
CPSC Resources (1hr.) NC/SC IAAI Conference, 2024  
MUSC (4hrs) NC/SC IAAI Conference, 2024  
Mental Health in Emergency Services (4hrs) NC/SC IAAI Conference, 2024  
NC Crime Lab / Trace Evidence, NC/SC IAAI Conference, 2024  
EV / Solar / Lithium Ion Batteries (7hrs) NC/SC IAAI Conference, 2024  
Confirmation & Expectation Bias: How do you un-ring the bell? (4hrs) NC/SC IAAI Conference, 2024  
Austin Bombing Case Study (4hrs) NC/SC IAAI Conference, 2024  
Emerging Trends in Technology For Fire Investigations (4hrs) NC/SC IAAI Conference, 2024  
Understanding CSST & Lightning: ATF LODD Analysis (3.5hrs) NC/SC IAAI Conference, 2024  
Bosch CDR Tool Technician Training, IPTM, 2023  
Solar Panels and Fire Investigator, SC-IAAI, 2023  
Fire Effects Part 1, CFI Trainer, May 2023  
Fire Effects Part 2, CFI Trainer, June 2023  
Preparing For Expert Testimony, SC IAAI, June 2023  
Wildland & Serial Arson Investigation – Case Building Techniques (8hrs.), NC/SC 2022  
Case Study – Maternal Filicide (4hrs.) NC/SC 2022  
Advanced Fire Fatality Scene Techniques (4hrs.) NC/SC 2022  
Statement Analysis (8hrs.) NC/SC 2022  
Documenting the Fire Scene (6hrs.) NC/SC 2022  
The Team Approach (1hr.) NC/SC 2022  
Electric Appliance Failure and Analysis, (16hrs.) SC IAAI- May 2022  
Alternative Fuel Vehicle Safety Training for First Responders – Fire Service Edition –NFPA- November 2020  
Alternative Fuel Vehicles Safety Training for Fire Responders – Fire Investigations –NFPA- October 2020  
Fire & Explosion Investigations Involving Propane and Natural Gas- SC IAAI – September 2021

Management of Complex Investigations- SC IAAI – September 2020  
Fire Chemistry-IAAI CFITrainer – March 2020  
Advanced Fire Death Investigation- SC IAAI – January 2020  
Wildland Fire Investigation- IAAI CFITrainer – September 2019  
SCIAAI 2019 1<sup>st</sup> Quarter Training (Instructor: Jim Pharr) - SC IAAI – January 2019  
York County Office of the Coroner – Responding to a Fire: Investigations for First Responders and the Charleston 9 and the Lessons Learned – November 2018  
Fire Investigative Approaches Conference- SC IAAI – October 2018  
Principles of Fire Investigation- SC IAAI – April 2018  
Statement Analysis- SC IAAI – February 2018  
Fire Investigative Approaches Conference- SC IAAI – Oct 2017  
Vehicle Fire Investigation- SC IAAI – July 2017  
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems- IAAI CFITrainer – May 2017  
2017 ITC General Session Exam- International Association of Arson Investigators – April 2017  
Investigating Motor Vehicle Fires- IAAI CFITrainer - April 2017  
Crime Scene Investigation- SC IAAI – April 2017  
Moderate Fire Investigation- SC IAAI – April 2017  
Fire Investigative Approaches Conference- SC IAAI - Oct 2016  
Serial and Major Arson Investigation- SC IAAI – September 2016  
Richland County's Improvised Explosives AWR – II – June 2016  
Richland County's Meth Lab AWR & ID – II – June 2016  
SCIAAI 2016 1<sup>st</sup> Quarter- SC IAAI – April 2016  
Fire Investigative Approaches Conference- SC IAAI – October 2015  
Incident Response to Terrorist Bombing- SC IAAI – August 2015  
New Mexico Tech – Incident Response to Terrorist Bombings Program, AWR Level Training – August 2015  
New Mexico Tech – Prevention of and Response to Suicide Bombing Incidents Program, AWR level Training – August 2015  
Wildfire Origin & Cause- SC IAAI – June 2015  
Crime Scene Photography- SC IAAI – March 2015  
Fire Investigative Approaches Conference- SC IAAI – October 2014  
Agricultural Equipment Fires- SC IAAI – September 2014  
Deception Detection & Interviewing Techniques- SC IAAI – March 2014  
Dept. of Energy, Tech.-Level Modular Emergency Response Radiological Transportation Training – February 2014  
Real Life Experiences in Fire Investigations- SC IAAI – July 2013  
York County Sheriff's Office – Interviewing – August 2013  
How First Responders Impact the Fire Investigation -IAAI CFITrainer - – May 2013  
Haz-Mat (Hazwoper) Tech. Refresher- SC Fire Academy – February 2013  
Fire Investigative Approaches Conference- SC IAAI – October 2012  
Evidence: From Fire Scene to Courtroom- SC IAAI – August 2012  
Family Dwellings Electric and Fuel Gas Systems- SC IAAI – June 2012  
Documenting the Event-IAAI CFITrainer – February 2012

### Education:

Graduated from Northwestern High School, Rock Hill, SC 1990



**Affiliations:**

International Association of Arson Investigators (IAAI), Member since 2012  
National Association of Fire Investigators (NAFI), Member since 2021  
SC Chapter of International Association of Arson Investigators, Member since 1999

**Courses Instructed/ Guest Lecturer:**

Firefighter II (Chap. 19 Fire Cause and Origin) – March 2020 (2hours)  
Firefighter II (Chap. 19 Fire Cause and Origin) – March 2019 (2hours)