

## William K. Gonzalez | Fire Investigator, IAAI-CFI

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### Professional Summary:

Mr. Gonzalez recently retired from the Winnsboro Department of Public Safety in Winnsboro, South Carolina. While at Winnsboro DPS, Mr. Gonzalez had many responsibilities including fire investigations and fire inspections. Mr. Gonzalez has also assisted the Fairfield County Fire Service with fire investigations.

### Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, 2017, Registration Number #33-082127

Certified Fire and Explosion Investigator, National Association of Fire Investigators, 2016, Registration Number #21260

Certified Vehicle Fire Investigator, National Association of Fire Investigators, 2017 Registration Number #21260-12203v

Hazardous Materials Operation Level

Firefighter 2

Fire Instructor 1

### Professional Experience:

EFI Global /Unified Investigations and Sciences, Inc./EFI Global, Inc., Fire Investigator, 2016 – Present

Allied- Universal Protective Services, Firefighter, September 2016- October 2016

Greenbrier- Bethel Volunteer Fire Department, Volunteer Firefighter, 1989- Present

Winnsboro Department of Public Safety, Police/ Fire Major, 1990- 2016

Moneta (VA) Volunteer Fire Department, Volunteer Firefighter, 2009 - 2014

### Specialized Education:

Electrical Appliance Failure and Analysis, 16 hours, South Carolina IAAI, Columbia, South Carolina May 21, 2022 (Tested)

Wildland and Serial Arson Investigation, 8 hours, South Carolina IAAI, Columbia, South Carolina, February 24, 2022 (Tested)

Fire Investigative Approaches, 36 hours, South Carolina/ North Carolina IAAI, Myrtle Beach, SC October 18- 22, 2021 (Tested)

Impact of Ventilation on Fire Patterns, 1.25 hours, UL FSRI Online, (Tested)

2020- NFPA 921 2021 Updates, South Carolina/ North Carolina IAAI, November 117, 2020 (Tested)

SCIAAI Vehicle Fire Training, 16 hours, South Carolina IAAI, York, South Carolina August 13- 14, 2020 (Tested)

Challenges to Expert Qualifications, Methodology, and Opinions, 8 hours, South Carolina IAAI Columbia, South Carolina February 18, 2020 (Tested)

Advanced Fire Death Investigation, 16 hours, South Carolina IAAI Charlotte, NC January 23, 2020 (Tested)

NC/SC Fire Investigative Approaches 2019, 36 hours, Myrtle Beach, SC, October 24, 2019 (Tested)

Basic Approach for Investigating Vehicle Fires, 16 hours, South Carolina IAAI Moncks Corner, SC August 15-16, 2019 (Tested)

2019 Fire Investigator's Seminar, 24 hours, South Carolina IAAI, Columbia, SC May 14- 17, 2019 (Tested)

SCIAAI 2019 2nd Quarter Training-From Fire to Court, 8 hours, Columbia, SC March 9, 2019 (Tested)

Prevention and Investigation of Commercial Kitchen Fires, Charlotte NC Fire Dept. 2019

From Fire to Court, SCIAAI, York SC, 2019

Fire Investigator's Seminar, SCIAAI, York SC, 2019

AHERA- OAHA O&M Refresher Training Course, AAA Environmental, 2019

Ethics and Professional Responsibility, PI Education, 2019

Critical Evaluation and Testing of Commonly Reported Accidental Causes, IAAI, 2019

Introduction to Youth-Set Fires, IAAI, 2019

Principles of Fire Investigation December 2, 2019 (Tested)

Fire Chemistry, 3 hours, November 16, 2019 (Tested)

Understanding Undetermined, 3hours, October 28, 2019

Fire Investigative Approaches, IAAI, 2018

Principals of Fire Investigation, SCIAAI, York SC, 2018

Preventing Workplace Violence: Employee Edition, Online Learning Ctr., 2018

Residential Electricity for Fire Investigators, Fire Findings, 2018

AHERA Inspector Initial Training Course, AAA Environmental, 2018

CSST-Products, Codes, Lightning Interaction, and Related Fires, SCIAAI, 2018

Principles of Fire Investigation, SCIAAI, 2018

Hands on Vehicle Fire/ Arson Investigation, Public Agency Training Council, 2017

SCIAAI Fire Investigation Course, York, SC, 2017

Crime Scene Investigation, South Carolina IAAI, 2017

Essentials of NFPA 1033, Unified Investigations and Sciences, 2017

Ethics and Social Media, CFITrainer.net / IAAI, 2017

Critical Thinking Solves Cases, CFITrainer.net / IAAI, 2017

Basic Electricity, CFITrainer.net / IAAI, 2017

Residential Electrical Systems, CFITrainer.net / IAAI, 2017

Investigating Natural Gas Systems, CFITrainer.net / IAAI, 2017

Residential Natural Gas Systems, CFITrainer.net / IAAI, 2017

Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, CFITrainer.net / IAAI, 2017

Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, CFITrainer.net / IAAI, 2017

Electrical Safety, CFITrainer.net / IAAI, 2017

Writing the Initial Origin and Cause Report, CFITrainer.net / IAAI, 2017

Fire Investigator Scene Safety, CFITrainer.net / IAAI, 2016

Insurance and the Fire Investigation, CFITrainer.net / IAAI, 2016

NFPA 921 and 1033 2014 Editions: Important Revisions, CFITrainer.net / IAAI, 2016

Process of Elimination, CFITrainer.net / IAAI, 2016

The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, CFITrainer.net / IAAI, 2016  
NFPA1033 and Your Career, CFITrainer.net / IAAI, 2016  
Forensic Investigation, Unified Investigations and Sciences, 2016  
Expert Witness Courtroom Testimony, North Carolina IAAI, 2016  
Fire Investigative Approaches, South Carolina/ North Carolina IAAI, 2016  
Essentials of NFPA 1033, Unified Investigations and Sciences, 2016  
The Potential Value of Electronic Evidence in Fire Investigations, CFITrainer.net / IAAI, 2011  
Digital Photography and the Fire Investigator, CFITrainer.net / IAAI, 2011  
Charleston Sofa Super Store Fire, CFITrainer.net / IAAI, 2011  
Explosion Dynamics, CFITrainer.net / IAAI, 2011  
Ethics and the Fire Investigator, CFITrainer.net / IAAI, 2011  
The Scientific Method for Fire and Explosion Investigation, CFITrainer.net / IAAI, 2011  
Introduction to Fire Dynamics and Modeling, CFITrainer.net / IAAI, 2011  
Managing Complex Fire Scene Investigations, CFITrainer.net / IAAI, 2011  
How First Responders Impact The Fire Investigation, CFITrainer.net / IAAI, 2011  
Effective Investigation and Testimony, CFITrainer.net / IAAI, 2011  
Fire and Explosion Investigations: Utilizing NFPA 1033 and 921, CFITrainer.net / IAAI, 2011  
Physical Evidence at the Fire Scene, CFITrainer.net / IAAI, 2011  
Introduction to Evidence, CFITrainer.net / IAAI, 2011  
Documenting the Event, CFITrainer.net / IAAI, 2011  
Post flashover Fires, CFITrainer.net / IAAI, 2011  
Fundamentals of Residential Building Construction, CFITrainer.net / IAAI, 2011  
The Impact of Ventilation in Building Structures on Fire Development, CFITrainer.net / IAAI, 2011  
Wildland Fires Investigation, CFITrainer.net / IAAI, 2011  
Investigating Motor Vehicle Fires, CFITrainer.net / IAAI, 2011  
Arc Mapping Basics, CFITrainer.net / IAAI, 2011  
Fire Protection Systems, CFITrainer.net / IAAI, 2011  
Investigating Fatal Fires, CFITrainer.net / IAAI, 2011  
Basic Arson/ Fire Investigation, South Carolina Fire Academy, 2009

#### Affiliations:

National Association of Fire Investigators (NAFI), Member since 2016  
South Carolina Chapter of the IAAI, Member since 2016  
International Association of Arson Investigators, Member since 2016  
South Carolina State Association of Firefighters, Member since 1990