

David L. Rivers, IAAI-CFI | Regional Vice President, Southeast U.S.

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

704-426-6130

[david.rivers@efiglobal.com](mailto:david.rivers@efiglobal.com)

### Professional Summary:

Mr. Rivers has over thirty years of combined years of Fire Service and Law Enforcement experience. Ten years of which were directly in the field of fire and explosion incident investigations. Mr. Rivers is a certified Accelerant Detector K-9, and Explosive Detector K-9 Handler. Mr. Rivers has investigated over 800 fire scenes that have involved arson investigations, multimillion-dollar losses and numerous fatalities. Mr. Rivers has worked with Local, State and Federal agencies on many assignments in multiple capacities.

#### Areas of Expertise:

- Fire Investigations
- Manned/Unmanned Aerial Vehicle Operations
- Explosives
- Hazardous Materials
- Law Enforcement and Fire Service Operations

### Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, # 33-012803

Certified Fire and Explosion Investigator, National Association of Fire Investigators,  
# 11520-6558

National Board on Fire Service Professional Qualifications Certified Fire Investigator

Private Investigator, State of South Carolina, # D0002388

Private Investigator, State of North Carolina, # 4546

Remote Pilot, Federal Aviation Administration, # 3927451

International Fire Service Accreditation Firefighter II Certification

### Project Experience:

#### **Undisclosed insurance Company**

##### **Fire Investigation**

Cause and Origin Investigation of 25 million Dollar metal recycling loss. Determined that Metal shards ignited combustible waste causing fire that damaged the entire facility

#### **Undisclosed insurance Company**

##### **Cause and Origin Investigation**

Cause and Origin Investigation of large commercial building as part of larger multi- building fire investigation. Fire was proved to be incendiary.

### Court Qualifications / Depositions:

Litigation CV available upon request.

### Professional Experience:

EFI Global /Unified Investigations & Science, District Manager 2011- Present  
Chesterfield County Sheriff, Staff Sergeant 2003-2011  
Wal-Mart Distribution, Loss Prevention Supervisor, 1997-2004  
Chesterfield County Sheriff, Patrol Deputy, 1996-1997  
Pageland Police Department, Patrol Officer, 1996  
Richland County Emergency Services Fire investigator, 1995-1996  
Richland County Sheriff, Patrol Deputy, 1994-1995  
Pageland Fire Department, Assistant Fire Chief, 1990-Present

### Specialized Education:

SC IAAI 2023 Post Blast Investigative Techniques  
NC/ SC IAAI 2022 K9- Operations  
NC/SC IAAI 2022 The Team Approach  
NC SC IAAI 2022 Statement Analysis  
NC/SC IAAI 2022 Safety  
NC/SC IAAI 2022 Advanced Fire Scene Fatality Techniques  
NC/ SC IAAI 2022 Challenges to Expert Qualifications  
NC/SC IAAI 2022 Documenting the Fire Scene  
NC/SC IAAI 2022 NFA Updates  
NC/SC IAAI 2022 Juvenile Fire Setters  
SCIAAI- 2022 Electrical Appliance Failure and Analysis, Columbia, SC  
Fire Investigative Approaches, NC/SC Chapters International Association of Arson Investigators, Myrtle Beach, SC, 2021  
Alternative Fueled Vehicles, CFITrainer.net/ IAAI 2021  
Lithium ion Battery Fires, CFITrainer.net/ IAAI 2021  
Electric and Hybrid Vehicle Fires, CFITrainer.net/IAAI 2021  
SCIAAI- 2021 Fire and Explosion Investigations involving Propane and Natural Gas, Columbia, SC  
SCIAAI- 2021 Forensic Photography, Sumter, SC  
Asbestos Awareness, EFI Global Inc. 2021  
Emerging Technology in Fire Investigations, CFITrainer.net/ IAAI 2020  
SCIAAI- 2020 Management of Complex Investigations, York, SC  
SCIAAI- 2020 Vehicle Fire Training, York, SC  
Preventing Occupational Exposures to Carcinogens at the Fire Scene, CFITrainer.net / IAAI 2020  
SCIAAI- 2020 Challenges to Expert Qualifications, Methodology, and opinions Columbia, SC  
SCIAAI- 2020 Advanced Fire Death Investigations Charlotte, NC  
Introduction to Appliances, CFITrainer.net/ IAAI 2020  
Fire Investigative Approaches, NC/SC Chapters International Association of Arson Investigators, Myrtle Beach, SC, 2019  
SCIAAI Basic Approach for Investigating Vehicle Fires, Moncks Corner, SC 2019

Critical Evaluation and Testing of Commonly Reported Accidental Causes CFITrainer.net / IAAI 2019  
Fire Flow Analysis, CFITrainer.net / IAAI 2019

**Specialized Education (Continued):**

Fire Investigation for Fire Officers, CFITrainer.net / IAAI 2019  
Charting your Career Path in Fire Investigations, CFITrainer.net / IAAI 2019  
Understanding Undetermined, CFITrainer.net / IAAI 2019  
SCIAAI- 2019 Fire Investigator's Seminar, Columbia, SC 2019  
IAAI- Ventilation Considerations in Origin Hypothesis Testing, Jacksonville, FL, 2019  
IAAI- When Arson becomes the murder weapon, Jacksonville, FL, 2019  
IAAI- Keys to a successful Fire Death investigation, Jacksonville, FL, 2019  
IAAI- Complex Death Scenes: Body Dumps, Suicides, Cold Case Murders, and Mass Arson Murders, Jacksonville, FL, 2019  
IAAI- Fire Investigation Road Maps, Jacksonville, NC 2019  
IAAI- Marine Fire Investigations: Engineering Aspects and Investigative Logistics, Jacksonville, FL, 2019  
IAAI- Spontaneous Heating Fire with Vegetable Oils- Fats, Jacksonville, FL, 2019  
IAAI- Evidence Identification, Collection and Preservation Techniques, Jacksonville, FL 2019  
AHERA Inspector Initial Training Course, Charlotte, NC- 2019  
SCIAAI 2<sup>nd</sup> Quarter Training- From Crime to Court, Columbia, SC- 2019  
SCIAAI 1<sup>st</sup> Quarter Training- Fire Dynamics, York, SC- 2019  
Fire Investigative Approaches, NC/SC Chapters International Association Of Arson Investigators, Myrtle Beach, SC, 2018  
SCIAAI 3<sup>rd</sup> Quarter Training- Fire Modelling and Fire Protection systems, Columbia, SC, 2018  
SCIAAI 2nd Quarter Training-Corrugated Stainless Steel Tubing, York, SC, 2018,  
AHERA-OSHA Operations & Maintenance Refresher Training Course, AAA Environmental 2018  
SCIAAI 1st Quarter Training-Statement Analysis, Columbia, SC, 2018  
Fire Chemistry, CFITrainer.net / IAAI 2017  
Discovery in Civil Cases, CFITrainer.net / IAAI 2017  
Fire Investigative Approaches, NC/SC Chapters International Association of Arson Investigators, Myrtle Beach, SC, 2017  
What the Insurance Professional Needs to Know about Fire Investigation, 2017  
Discovery in Criminal Cases, CFITrainer.net / IAAI 2017  
Legal Aspects of Investigating Youth Set Fires, CFITrainer.net / IAAI 2017  
Thermometry, Heat, and Heat Transfer, CFITrainer.net / IAAI 2017  
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory System, CFITrainer.net / IAAI 2017  
Ethical Duties Beyond the Fire Scene, CFITrainer.net / IAAI 2017  
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel System, CFITrainer.net / IAAI 2017  
Writing the Initial Origin and Cause Report Refresher, CFITrainer.net / IAAI, 2017  
SCIAAI 2017 Crime Scene Investigation, SC Fire Academy, Columbia, SC 2017  
AHERA-OSHA Operations & Maintenance Refresher Training Course, AAA Environmental 2017  
Essentials of NFPA 1033, Unified Investigations and Sciences, Inc., 2017  
Accreditation, Certification, and Certificates, 2016  
Understanding the Fire Investigator's Job: a Guide for Non-Investigators, CFITrainer.net / IAAI, 2016  
Fire Investigative Approaches, NC/SC Chapters International Association Of Arson Investigators, Myrtle Beach, October 2016,  
AHERA-OSHA Operations & Maintenance Refresher Training Course, AAA Environmental 2016

AHERA-OSHA Operations & Maintenance Refresher Training Course, AAA Environmental 2015  
The Deposition Part 2: Questioning Tactics and Effective Responses, CFITrainer.net / IAAI, 2015  
The Deposition Part 1: Format, Content, and Preparation, CFITrainer.net / IAAI, 2015

#### **Specialized Education (Continued):**

Fire Investigative Approaches, NC/SC Chapters International Association of Arson investigators, Myrtle Beach, SC, 2014  
Fraud Seminar, IASIU Virginia Chapter, 2014  
Asbestos Awareness Training Course, AAA Environmental, 2014  
Hazard Communication and the Global Harmonizing System of Classification and Labeling of Chemicals, Unified Investigations and Sciences, 2014  
HAZWOPER Refresher Training, Safety Unlimited, Inc., 2014  
Basic Electricity, CFITrainer.net / IAAI, 2014  
Physical Evidence at the Fire Scene, CFITrainer.net / IAAI, 2014  
Residential Electrical Systems, CFITrainer.net / IAAI, 2014  
Process of Elimination, CFITrainer.net / IAAI, 2014  
NFPA 921 and 1033 2014 Editions: Important Revisions, CFITrainer.net / IAAI, 2014  
Fire Investigative Approaches, NC/SC Chapters International Association of Arson Investigators, Myrtle Beach, SC, 2013  
Fire Scene Investigations/ Live Burn, Unified Investigations and Sciences, 2013  
Effective Interviewing Techniques, IAAI South Carolina Chapter, 2013  
Arc Mapping Basics, Unified Investigations and Sciences, 2013  
HAZWOPER Refresher Training, Safety Unlimited, Inc., 2013  
Asbestos Awareness Training Course, AAA Environmental, 2012  
Using Resources to Validate your Hypothesis, CFITrainer.net / IAAI, 2012  
NFPA 1033 and Your Career, CFITrainer.net / IAAI, 2012  
The Practical Application of the Relationship between NFPA 1033 and NFPA 921, CFITrainer.net / IAAI, 2012  
Writing the Initial Origin and Cause Report, CFITrainer.net / IAAI, 2012  
The Value of Electronic Evidence in Fire Investigations, CFITrainer.net / IAAI, 2012

#### **Education:**

Bachelor of Science, Criminal Justice, University of South Carolina, Columbia, SC 1994

#### **Affiliations:**

International Association of Arson Investigators (IAAI), Member since 2003  
National Association of Fire Investigators (NAFI), Member since 2003  
SC Chapter of International Association of Arson Investigators, Member since 2003  
Past President, and Currently on Board of Directors

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

CSST and Lightning Caused Fires  
Vehicle Fire Investigations for the Claims Handler  
Claim indicators for Adjusters  
Claim Handling, Forensic Services, and Ethical Considerations  
Fire Cause Determination

