

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

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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.

- 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

International Fire Service Accreditation Fire Officer I 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

Project Experience (Continued):

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 inc. (formerly Unified Investigation and Sciences 2024-present
Unified Investigations & Science, District Manager 2011- 2024
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:

SCIAAI, 2025, Arson Case that took two years to solve
SCIAAI, 2025 Back to Basics : NFPA 1033
NC/SC IAAI, 2024 NICB Resources,
NC/SC IAAI, 2024 CPSC Resources,
NC/SC IAAI, 2024 MUSC
NC/SC IAAI, 2024 Mental Health in Emergency Services: The right tool for the right job
NC/SC IAAI, 2024 NC Crime Lab/Trace Evidence 101
NC/SC IAAI, 2024 EV/Solar/LI Batteries
NC/SC IAAI, 2024 Confirmation & Expectation Bias: How do you un-ring the bell?
NC/SC IAAI, 2024 Austin Bombing Case Study
NC/SC IAAI, 2024 Emerging Trends in Technology for Fire Investigations,
NC/SC IAAI, 2024 Understanding CSST and Lightning: ATF LODD Analysis,
SCIAAI 2024 Solar Panel fires, Columbia SC 2024
SCIAAI Fire Dynamics, Columbia, SC 2024
Fire Investigative Approaches, NC/SC Chapters International Association of Arson Investigators,
Myrtle Beach, SC, 2023
Fire Effects part I: Heat effects on Fuels, CFITrainer.net/ IAAI 2023
Fire Effects part II: Combustion Byproducts Effects, CFITrainer.net/ IAAI 2023
SCIAAI 2023 Preparing for Expert Witness Testimony, Columbia SC

Specialized Education (Continued):

SCIAAI 2023 Post Blast Investigative Techniques, Sumter, SC
SCIAAI 2023 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
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 2nd Quarter Training- From Crime to Court, Columbia, SC- 2019

Specialized Education (Continued):

SCIAAI 1st Quarter Training- Fire Dynamics, York, SC- 2019
Fire Investigative Approaches, NC/SC Chapters International Association Of Arson Investigators, Myrtle Beach, SC, 2018
SCIAAI 3rd 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

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, Past Director, and Life Member.

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