David L. Rivers, IAAI-CFI| District Manager

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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

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

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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:

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:

SCIAAI- 2020 Advanced Fire Death Investigations
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

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Specialized Education (Continued):

SCIAAI 2nd Quarter Training- From Crime to Court, Columbia, SC- 2019
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
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
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
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
Strengthening Relationships between Public and Private Sector Fire Investigators, IAAI Training, Charlotte, NC, 2011

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Specialized Education (Continued):

Fire Investigative Approaches, NC/SC Chapters International Association of Arson Investigators, Myrtle Beach, SC, 2011
HAZWOPER Refresher Training, Safety Unlimited, Inc., 2011
NFPA 921 (2011 Ed.) & NFPA 1033, IAAI South Carolina Chapter, 2011
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
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
Fire Protection Systems, CFITrainer.net / IAAI, 2011
Managing Complex Fire Scene Investigations, CFITrainer.net / IAAI, 2011
The Fire Investigator and the 2011 NFPA 921 Changes, CFITrainer.net / IAAI, 2011
An Analysis of the Station Nightclub Fire, CFITrainer.net / IAAI, 2011
Northeastern Technical College (ProTrain), Business Management, CFITrainer.net / IAAI, 2011
The Value of Electronic Evidence in Fire Investigations, CFITrainer.net / IAAI, 2012
Fire Protection Systems, CFITrainer.net / IAAI, 2011
Managing Complex Fire Scene Investigations, CFITrainer.net / IAAI, 2011
The Fire Investigator and the 2011 NFPA 921 Changes, CFITrainer.net / IAAI, 2011
Evidence Examination: What happens at the Lab, CFITrainer.net / IAAI, 2011
Insurance and the Fire Investigation, CFITrainer.net / IAAI, 2011
Vacant and Abandoned Buildings, CFITrainer.net / IAAI, 2011
The HAZWOPER Standard, CFITrainer.net / IAAI, 2011
Fatal Fires, CFITrainer.net / IAAI, 2011
Understanding Fire through the Candle Experiment, CFITrainer.net / IAAI, 2011
Introduction to Evidence, CFITrainer.net / IAAI, 2011
Explosion Dynamics, CFITrainer.net / IAAI, 2011
Fire and Explosion Investigations utilizing NFPA 921 and 1033, CFITrainer.net / IAAI, 2011
Electrical Safety, CFITrainer.net / IAAI, 2011
Motive, Means and Opportunity, CFITrainer.net / IAAI, 2011
Fundamentals of Interviewing, CFITrainer.net / IAAI, 2010
Arc Mapping Basics, CFITrainer.net / IAAI, 2010
Documenting the Event, CFITrainer.net / IAAI, 2010
Explosive Detection K9 Certification, Columbia, SC, October 2010
Legal Aspects of Arson Investigations, IAAI South Carolina Chapter, 2010

Education:

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

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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
Currently Chapter Immediate Past President (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

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