

David Williams | Fire Investigator, IAAI CFI

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

704-426-6130

David.Williams@efiglobal.com

Professional Summary:

Mr. Williams graduated from the University of New Haven (UNH) in January of 1994, where he received a Bachelor of Science in Fire/Arson Investigation with a concentration in Fire, Arson, and Explosion Investigation and a minor in Criminal Justice. Mr. Williams has over thirty years of Fire Service experience, with over 20 years directly related to the field of fire and explosion incident investigation. Mr. Williams has been involved with approximately 2500 fires, having investigated over 2000 fire scenes involving multimillion-dollar losses, numerous fire fatalities, arson investigations, and many assorted accidental fire investigations. Mr. Williams has worked with local, State, and Federal Agencies on many occasions in varying capacities. Mr. Williams has investigated many fires, of which have involved single and multi-family dwellings, commercial and industrial structures, vehicles, line of duty deaths, fatalities and those with serious bodily injury.

Areas of Expertise:

- Residential fire investigation
- Industrial fire investigation
- Commercial fire investigation
- Motor vehicle fire investigation
- Wildland fire investigation
- Explosions investigation
- Hazardous materials operations
- Fire service operations

Licenses and Certifications:

Private Investigator, State of North Carolina, License # 204093

Private Investigator, State of South Carolina, License # RD221803

Certified Fire Investigator (IAAI), International Association of Arson Investigators, Inc., March 2005, # 24-031506

Project Experience:

Private Insurance Client, Gaffney, South Carolina, Fire Origin and Cause Investigation. Our client insured the property owner and the residence which was utilized as a primary residence. Cause was determined and subrogation is ongoing against an appliance manufacturer.

Private Insurance Client, Mount Pleasant, South Carolina, Fire Origin and Cause Investigation with a fire fatality. Our client insured the property owner and the residence which was utilized as a

primary residence for the insured and extended family. Cause was determined to be improperly discarded smoking and resulted in a fire death.

Private Insurance Client, Blackville, South Carolina, Fire Origin and Cause Investigation. Our client insured the property owner and the residence which was utilized as a primary residence. By working with both police and fire departments, EFI identified an incendiary fire cause.

Professional Experience:

EFI Global, Charlotte, NC, Fire Investigator, 2017 – Present
City of Charlotte, NC, Senior Fire Investigator, 2010 – Present
City of Charlotte, NC, Fire Investigator, 2001 – 2010
York County, SC, Senior Fire Inspector/Fire Fighter, 1996 – 2001
City of York, SC, Fire Fighter/Investigator, 1996 – 2001
City of Wallingford, CT, Fire Fighter, 1993 – 1994
City of Wallingford, CT, Intern Fire Investigator/Deputy Fire Marshal 1992-1993
Town of Alexis, NC, Fire Fighter, 1987 – 1990
Town of Alexis, NC, Fire Captain, 1990 – 1992
Town of Alexis, NC, Assistant Fire Chief, 1994 - 1996

Specialized Education:

Arc Mapping: New Technology or Myth & Copper Conductor, IAAI, 2019
Explosions and Bombings: A Fire Investigator's Perspective, IAAI, 2019
Investigation Natural Gas Events, IAAI, 2019
Critical Thinking Solves Cases, IAAI, 2019
When Arson Becomes the Murder Weapon: The Cheshire, CT Arson Murders, IAAI, 2019
Patterns of Heat Flow and Melted Conductors, IAAI, 2019
Vehicle – Electrical Systems & Hot Surface Ignition Heat Sources, IAAI, 2019
Fire Investigation for Fire Officers, IAAI, 2019
Complex Death Scenes: Body Dumps, Suicides, Cold Case Murders, & Mass Arson Murders, IAAI, 2019
The Impact of Ventilation on Fire Patterns in Full-Scale Structures, IAAI, 2019
Prevention and Investigation of Commercial Kitchen Fires, Charlotte NC Fire Dept. 2019
NFPA1033 and Your Career, IAAI, 2019
A Culture Change Initiative: Improving the Health and Safety of Fire Investigators, IAAI, 2019
I've Lost My Moral Compass: A Case Study of an Interagency Investigation into Two Complex Arsons, IAAI, 2019
Understanding Fire Through the Candle Experiments, IAAI, 2019
Fire Investigation Legal Issues, Charlotte Fire Dept., 2017
ATF Fire Dynamics, ATF Research Laboratory, 2017
Fire Investigation Legal Issues, Mecklenburg County District Attorney's Office, 2016
Fire Behavior, Eastern Kentucky University, 2014
Fire Behavior Related to Fire Investigation, Charlotte Fire Department, 2014
Low Light Photography for Fire Investigation, Charlotte Fire Department, 2014
International Training Conference General Sessions, IAAI, 2013
Strengthening Relationships Between Public & Private Sector Fire Investigators, IAAI, 2012
Bomb-Making Awareness Program, Dept. Of Homeland Security, 2011
Ethics and the Fire Investigator, IAAI, 2011
The Scientific Method for Fire and Explosion Investigation, IAAI, 2011

Fire Investigative Approaches, North Carolina / South Carolina International Association of Arson Investigators Joint Conference, 2011
Vehicle Fire Investigation, Cleveland Community College, 2011
Ethics and the Fire Investigator, IAAI, 2011
The Scientific Method for Fire and Explosion Investigation, IAAI, 2011
Forensic Photography, IAAI, 2010
Electrical Fire Investigation, ATF Research Laboratory, 2010
Fire & Rescue Management Institute, University of NC Continuing Education, 2009 -2010
Street Gang Recognition, Charlotte Mecklenburg Police Dept, 2009
Fire Investigative Approaches, North Carolina / South Carolina International Association of Arson Investigators Joint Conference, 2008

Education:

University of New Haven, West Haven, Connecticut, January 1994
Bachelor's Science - BS,
Major: Arson Investigation
Criminal Justice

Central Piedmont Community College, Charlotte, North Carolina, June 1992
Associate of Applied Science – A.S.
Major: Fire Protection Technology

Affiliations:

International Association of Arson Investigators (IAAI)
North Carolina Chapter International Association of Arson Investigators (NC IAAI)
North Carolina State Firemen's Association

Courses Instructed/ Guest Lecturer:

North Carolina Fire Investigation Technician (NC FIT) Committee 2015 – 2018
Committee Member; Development of the NC FIT Certification Program
Instructor NC FIT Certification Program:
North Carolina Fire Investigation Technician, Holly Springs, NC
North Carolina Fire Investigation Technician, Belmont, NC
North Carolina Fire Investigation Technician, Swannanoa, NC
North Carolina Fire Investigation Technician, Concord, NC

Charlotte Fire Department, Fire Recruit Training, Recruit level fire investigation 2005 - 2008
Charlotte Fire Department, Officer Development Training, Office level fire investigation 2010 – 2012

Honors and Awards:

Fire Investigation Team of the Year, NC IAAI, 2011
Fire Investigation Team of the Year, NC IAAI, 2017