

Jon Dilliplane | Fire Investigator, CFI, ECT, CFEI, CVFI

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Professional Summary:

During the investigator's 18-year Fire Service career, this investigator has been involved with a wide array of Fire Service incidents. These incidents have encompassed a wide variety of incidents which have included Fire related fatalities, marine, auto, wildland, commercial, as well as criminal investigations throughout the investigator's career. The investigator has collaborated on several High-Profile investigations with the Bureau of Alcohol, Tobacco, and Firearms which have resulted in definitive cause classifications and criminal charges to the responsible parties involved.

Licenses and Certifications:

Certified Fire Investigator, International Association of Fire Investigators, License #29-081368
Certified Evidence Collection Technician, International Association of Fire Investigators, License #656
Certified Fire & Explosion Investigator, National Association of Fire Investigators, License #23704
Certified Vehicle Fire Investigator, National Association of Fire Investigators, License #13932

Professional Experience:

EFI Global Inc, Fire Investigator, 2022-present

Philadelphia Fire Department Fire Marshal's Office-, Assistant Fire Marshal, 2005-present

09/01/18- Assigned to permanent staff of the Fire Marshal's Office

Duties and responsibilities include responding to emergency incidents to conduct investigations to determine the origin and cause of fires and explosions. To provide documentation of all incidents investigate, including photographs, interviews, written reports, and the collection of physical evidence. Responsible for investigating reported violations of the Philadelphia fire and building codes, as well as responding to hazardous materials incidents. To testify in criminal and civil cases as an expert witness. Provide related information through consultations and depositions.

07/02/18- Fire Investigation Training, Assistant Fire Marshal – 320 Hrs.

01/27/17 Promoted to the rank of Fire Lieutenant

Responsible for directing training exercises of company personnel. Assigned to various engine and ladder companies, responsible for the day-to-day operations of companies. Responsibilities included fire suppression activities, delivery of emergency medical services, fire prevention activities, and building inspections of assigned areas.

01/03/05- Appointed to the Philadelphia Fire Department
At the rank of firefighter, performed firefighting and related duties, and participated in various in-service training programs. Inspected occupancies of various classifications for hazards and compliance of city fire and building code standards. Acted as company supervisor in the absence of the assigned officer and conducted preliminary investigations of structure and/or automobiles to determine the origin and cause of fire, as well as other emergency incidents.

Court Qualifications/ Depositions:

Litigation CV available upon request.

Specialized Education:

12/07/22 FARO Technologies Laser Scanner Technician Training
11/24/21 R0776 National Fire Academy-Electrical Systems
1/28/21 DCARI Timeline Analysis
1/21/21 DCARI Fire Alarm Panels
1/20/21 DCARI Corrugated Stainless Steel Tubing
12/30/20 DCARI Fire Patterns Post Flashover
10/20/20 Psychological First Aid
5/7/20 DCARI Identifying Damage to Electrical Conductors
4/29/20 DCARI Receptacle Fires
3/4/20 Principles of Fire Investigation
1/26/20 PAAI Profiling Youthful Fire setters & Firefighter Arsonists
1/26/20 PAAI Recognition of Deception, Crime, and Violence
1/25/20 PAAI Maternal Filicide-Molly Delgado Double Homicide
1/25/20 PAAI Field Interviews
11/13/19 ATF Training Fire Dynamics/ Appliance Fires
10/31/19 ATF DVR Video Retrieval Training
09/16/19 NAFI Vehicle Fire Training Conference
06/08/19 R0208 National Fire Academy Interview & Testimony
04/16/19 ITC Ventilation Considerations in Origin Hypothesis Testing
04/16/19 ITC Marine Surveying for Fire Investigators
04/15/19 ITC Keys to a Successful Fire Death Investigation
04/15/19 ITC Human Behavior in Fire
04/14/19 ITC Fire Investigation Road Maps (FIRMS)
04/14/19 ITC Field Interviews
04/13/19 ITC Evidence Identification, Collection, and Preservation Techniques
04/13/19 ITC A Culture Change Initiative: Improving the Health and Safety of Fire Investigators
12/4/18 Understanding Undetermined
12/4/18- Fire Investigation for Fire Officers
11/24/18- NJ IAAI South Region Basic Fire Investigation Course (96 Hours)
09/25/18- Hands-On Electrical Fire and Arson Investigation
08/21/18- Meeting All the Requirements of N.F.P.A. 1033
05/18/18- Fire Protection Systems
05/18/18- Insurance and the Fire Investigation
05/17/18- What the Insurance Professional Needs to Know About Fire Investigation
05/17/18- Ethical Duties Beyond the Fire Scene

05/16/18- Introduction to Youth-Set Fires
05/16/18- Legal Aspects of Investigating Youth-Set Fires
05/15/18- The Deposition Part 1: Format, Content, and Preparation
05/15/18- The Deposition Part 2: Questioning Tactics and Effective Responses
05/15/18- Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems
05/15/18- Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems
05/14/18- Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death
05/14/18- Investigating Natural Gas Systems
05/14/18- Process of Elimination
05/14/18- Residential Electrical Systems
05/13/18- Critical Thinking Solves Cases
05/13/18- Residential Natural Gas Systems
05/13/18- Using Resources to Validate your Hypothesis
05/12/18- Fundamentals of Interviewing
05/12/18- Evidence Examination: What Happens at the Lab?
05/12/18- Writing the Initial Origin and Cause Report
05/07/18- The Potential Value of Electronic Evidence in Fire Investigations
05/06/18- Introduction to Evidence
05/06/18- Investigating Fatal Fires
05/06/18- Search and Seizure
04/30/18 Digital Photography and the Fire Investigator
04/30/18- DNA
04/27/18- Introduction to Fire Dynamics and Modeling
04/27/18- Explosion Dynamics
04/27/18- Arc Mapping Basics
04/27/18- Post flashover Fires
04/27/18- Wildland Fires Investigation
04/22/18- The Impact of Ventilation in Building Structures on Fire Development
04/22/18- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
04/21/18- investigating Motor Vehicle Fires
04/21/18- Fundamentals of Residential Building Construction
04/21/18- Preparation for the Marine Fire Scene
04/21/18- Vacant and Abandoned Buildings: Hazards and Solutions
04/20/18- Magnatek: A Case Study in The Daubert Challenge
04/20/18- Managing Complex Fire Scene Investigations
04/19/18- Documenting the Event
04/19/18- Effective Investigation and Testimony
04/19/18- Electrical Safety
04/19/18- Ethics and Social Media
04/19/18- Fire Investigator Scene Safety
04/19/18- How First Responders Impact the Fire Investigation
04/19/18- The HAZWOPER Standard
04/18/18- Charleston Sofa Super Store Fire
04/18/18- Accreditation, Certification, and Certificates
04/18/18- An Analysis of The Station Nightclub Fire
04/18/18- Thermometry, Heat, and Heat Transfer
04/18/18- Understanding Fire Through the Candle Experiments
04/14/18- Ethics and the Fire Investigator
04/14/18- NFPA 1033 and Your Career
04/14/18- The Scientific Method for Fire and Explosion Investigation
04/13/18- Discovery in Criminal Cases

04/12/18- Fire Chemistry
04/12/18- Basic Electricity
04/11/18- Discovery in Civil Cases
04/11/18- Physical Evidence at the Fire Scene
04/19/17- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
04/19/17- NFPA 921 and 1033 2014 Editions: Important Revisions

Education:

Double Major: Criminal Justice & Generalized Studies, Farleigh Dickinson University, Teaneck, NJ, 2010

Affiliations:

International Association of Arson Investigators (IAAI)
International Association of Firefighters (IAFF)
National Association of Fire Investigators (NAFI)
International Association of Arson Investigators (PA Chapter)
International Association of Arson Investigators (NJ Chapter)
International Association of Firefighters (IAFF Local 22)
Philadelphia Fire Officer's Union (PFOU)