Salvatore Colangelo | Senior Fire Investigator, **IAAI-CFI**

165 Ledge St. Suite 7, Nashua, NH 03060 *Office: 603-732-9119*
Sal.Colangelo@efiglobal.com

Professional Summary:

Mr. Colangelo has over 31 years with the City of Buffalo, NY Fire Department, 4 years as Commander of the Fire Investigation Unit Auto Arson Task Force. He has led the unit to record arrests, conducted numerous fire fatality investigations, and has testified as an expert witness in numerous arson cases. He is certified as an ATF ignitable liquid detection K-9 handler. Mr. Colangelo is a licensed New York State private investigator with expertise in origin and cause of building and automobile fires, auto theft, fire fatalities and building codes. He has investigated over 1000 structures and vehicle fires in his public and private fire investigation career.

Licenses and Certifications:

Private Investigator, NY, 11000166696
Building and Fire Code Enforcement Officer, NY, 0399-7090B
Fire Investigator Level I & II, NY, 0406-0026
IAAI- CFI, NY-23-042133
NAFI – CFI, #16062-8788
ATF Accelerant Detection K-9 Handler
NYS Officer Certification, 0996-5116B
NYS Instructor Certification, 0693-3067A
NYS Basic Course for Peace Officers, 2006
NYS Vehicle Fire Investigation 2017

Project Experience:

Multiple residential and commercial fire loss investigations over his 31-year career as a municipal investigator and serving insurance clients since 2011.

Professional Experience:

EFI Global, Inc., Fire Investigator, 2013-present
Unified Investigations and Sciences, Fire Investigator, 2011-2013
Northeastern Technical Services, Vehicle fire investigator 2012-2020
City of Buffalo Fire Department, Lieutenant / Peace Officer / Commander of Fire Investigation, 1979-2010
U.S Veterans Affairs Police, Police Officer, 1998-2006
City of Galveston TX, Police/narcotics officer, 1977-1979

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Specialize Training

NY IAAI Spring Seminar 2026 Saratoga Springs
Fire Dynamics & Practical Exercises 2026
Complex Fire Scene Investigations 2026
Understanding Cause Determination IAAI 2025
Heavy Equipment & Machinery fire investigations IAAI 2025
Hazwoper Refresher Course, EFI, 2025
Fatal Fire Investigation, CFI-Trainer, 2025
Respiratory Safety Training EFI Global 2024
Asbestos Training EFI Global 2024
Examination of Smart plugs 2024-IAAI & ATF
Arson Seminar NYOFPC Watkins Glen, 2024
Origin & Cause Investigation, EFI Global, 2024
Scientific Method, EFI Global, 2024
Marine Fire Investigations Basic for Small Recreational Vessels, EFI Global, 2024
Forensic Investigation of Chimney, Fireplaces and wood fueled Appliance Fires, EFI Global, 2024
Lithium-Ion Battery Fires, EFI Global, 2024
CSST Lighting Caused fires EFI Global, 2024
Commercial Kitchen Fires Fundamentals, Part1 CFI-Trainer 2024
Commercial Kitchen fires Investigations, Part 2 CFI-Trainer 2024
Fire Effects Part 1 Heat effects on fuel, CFI-Trainer, 2023
Fire Effects Part 2 Combustion of By- Products Effects CFI-Trainer, 2023
Spontaneous Combustion, EFI Global, 2023
Where Fire Investigations Go Wrong IAAI 2022
Electrical, NY State OFPC, 2022
Evidence Collection, NY State OFPC, 2022
Alternative Fuel Vehicles, CFI-Trainer, 2022
The ABC's of Electrical Fire Investigations, EFI Global, 2022
Emerging Technologies in Fire Investigation, CFI-Trainer 2022
Photovoltaic Cells & Systems, CFI-Trainer, 2022
Was the Fire Accidental IAAI 2021
Electric & Hybrid Vehicles Fires, CFI-Trainer, 2021
Spontaneous Combustion, EFI Global, 2021
Respiratory Protection, EFI Global 2020
Understanding Undetermined, IAAI, 2019
Critical Evaluation and Testing of Commonly Reported Accidental Causes, IAAI, 2019
Fire Investigation for Fire Officers, IAAI, 2019
Charting Your Career Path In Fire Investigation, IAAI, 2019
Fire Chemistry, IAAI, 2018
Legal Aspects of Investigating Youth-Set Fires, IAAI, 2018
Investigating Natural Gas Systems, IAAI, 2018
Documenting the Event, IAAI, 2017
Fundamentals of Interviewing, IAAI, 2017
Fire Investigator Scene Safety, IAAI, 2017

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Heavy Equipment & Machinery Fire Investigation IAAI 2025

Understanding Cause Determination IAAI 2025
Hazwoper Refresher Course, EFI, 2025
Fatal Fire Investigation, CFI-Trainer, 2025
Respiratory Safety Training EFI Global 2024
Asbestos Training EFI Global 2024
Examination of Smart plugs 2024-IAAI & ATF
Arson Seminar NYOFPC Watkins Glen, 2024
Origin & Cause Investigation, EFI Global, 2024
Scientific Method, EFI Global, 2024
Marine Fire Investigations Basic for Small Recreational Vessels, EFI Global, 2024
Forensic Investigation of Chimney, Fireplaces and wood fueled Appliance Fires, EFI Global, 2024
Lithium-Ion Battery Fires, EFI Global, 2024
CSST Lighting Caused fires EFI Global, 2024
Commercial Kitchen Fires Fundamentals, Part1 CFI-Trainer 2024
Commercial Kitchen fires Investigations, Part 2 CFI-Trainer 2024
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Fire Chemistry, IAAI, 2018
Legal Aspects of Investigating Youth-Set Fires, IAAI, 2018
Investigating Natural Gas Systems, IAAI, 2018
Documenting the Event, IAAI, 2017
Fundamentals of Interviewing, IAAI, 2017
Fire Investigator Scene Safety, IAAI, 2017
Introduction to Youth-Set Fires, IAAI, 2017
Knowledge 1 Motor Vehicle Fires Tier 1, IAAI, 2017
Effective Investigation and Testimony, IAAI, 2017
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, IAAI, 2017
Electrical Safety, IAAI, 2017
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, IAAI, 2017
Wildland Fires Investigation, IAAI, 2017
Discovery in Criminal Cases, IAAI, 2017

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Investigating Fatal Fires, IAAI, 2017
How First Responders Impact the Fire Investigation, IAAI, 2017
Insurance and the Fire Investigation, IAAI, 2017
The HAZWOPER Standard, IAAI, 2017
Evidence Examination: What Happens at the Lab, IAAI, 2017
Preparation for the Marine Fire Scene, IAAI, 2017
Search and Seizure, IAAI, 2017
The Impact of Ventilation in Building Structures on Fire Development, IAAI, 2017
What the Insurance Professional Needs to Know About Fire Investigation, IAAI, 2017
Thermometry, Heat, and Heat Transfer, IAAI, 2017
DNA, IAAI, 2017
Arc Mapping Basics, IAAI, 2017
Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death, IAAI, 2016
Introduction to Evidence, IAAI, 2016
Vacant and Abandoned Buildings: Hazards and Solutions, IAAI, 2016
Investigating Motor Vehicle Fires, IAAI, 2016
Ethical Duties Beyond the Fire Scene, IAAI, 2016
Understanding the Fire Investigator's Job: A Guide for Non-Investigators, IAAI, 2016
Introduction to Fire Dynamics and Modeling, IAAI, 2015
The Deposition Part 1: Format, Content, and Preparation, IAAI, 2015
The Deposition Part 2: Questioning Tactics and Effective Responses, IAAI, 2015
Residential Electrical Systems, IAAI, 2015
Residential Natural Gas Systems, IAAI, 2015
Wildland Fires Investigation, IAAI, 2015
Managing Complex Fire Scene Investigations, IAAI, 2015
Accreditation, Certification, and Certificates, IAAI, 2015
Charleston Sofa Super Store Fire, IAAI, 2015
Ethics & Social Media, IAAI, 2015
Process of Elimination, IAAI, 2014
NFPA 921 and 1033 2014 Editions: Important Revisions, IAAI, 2014
Basic Electricity, IAAI, 2014
Investigating Vehicle Fires Live Burn NY, IAAI, 2013
Fire Protection Systems, IAAI, 2012
Post flashover Fires, IAAI, 2012
Using Resources to Validate your Hypothesis, IAAI, 2012
Writing the Initial Origin and Cause Report, IAAI, 2010
Communicating the Value of Membership in the IAAI, 2012
NFPA1033 and Your Career, IAAI, 2012
The Potential Value of Electronic Evidence in Fire Investigations, IAAI, 2012
DNA, IAAI, 2011
The Fire Investigator & the 2011 NFPA 921 Changes, IAAI, 2011
Electrical Safety, 2011
Fire Investigator Scene Safety, IAAI, 2011
Search and Seizure, IAAI, 2011
Understanding Fire Through the Candle Experiments, IAAI, 2011
Fire Dynamics Calculations - Version 2.0, IAAI, 2011
Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, IAAI, 2011
An Analysis of The Station Nightclub Fire, IAAI, 2011
Documenting the Event, IAAI, 2010
The Scientific Method for Fire and Explosion Investigation, IAAI, 2010
Fundamentals of Interviewing, IAAI, 2010

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Insurance and the Fire Investigation, IAAI, 2010
Fundamentals of Residential Building Construction, IAAI, 2010
The Impact of Ventilation in Building Structures on Fire Development, IAAI, 2010
Evidence Examination: What Happens at the Lab?, IAAI, 2010
Effective Investigation and Testimony, IAAI, 2010
Explosion Dynamics, IAAI, 2010
Fire and Explosion Investigations: Utilizing NFPA 1033 and 921, IAAI, 2010
Arc Mapping Basics, IAAI, 2009
Introduction to Evidence, IAAI, 2009
Investigating Fatal Fires, IAAI, 2009
Investigating Motor Vehicle Fires, IAAI, 2009
Physical Evidence at the Fire Scene, IAAI, 2009

Education:

Erie Community College, associate in fire technology, 1993
Erie Community College, associate in criminal justice, 2003

Affiliations:

International Association of Arson Investigators
NY Chapter of International Association of Arson Investigators
National Association of Fire Investigators
Niagara County Fire Investigators

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