

Sean Gaudio | Senior Fire Investigator, IAAI-CFI(V)

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Professional Summary:

Mr. Gaudio has been a fire investigator since 2015 conducting insurance related origin and cause investigations for fire and explosions relating to residential and commercial properties and vehicles. Mr. Gaudio also has 11 years' experience as a volunteer firefighter.

Licenses and Certifications:

Motor Vehicle Fire Credential Endorsement, IAAI, 2021

Certified Fire Investigator, IAAI, 2020

Professional Experience:

EFI Global, 2018-Present

Senior Fire Investigator / Team Lead, 2023 – Present

Fire Investigator, 2018-2023

S-E-A Limited, Fire and Explosion Investigator, 2015-2018

Amazon Termite and Pest Control, Supervisor, 2011-2012

Petri's Positive Pest Control, Supervisor, 2007-2011

Specialized Education:

Electric and Hybrid Vehicle Design, IAAI CFITrainer.net, 2024

Commercial Kitchen Fires 2: Investigation, IAAI CFITrainer.net, 2024

Electric and Hybrid Vehicle Fires, IAAI CFITrainer.net, 2024

Post Flashover Fires, IAAI CFITrainer.net, 2024

Introduction to Appliances, IAAI CFITrainer.net, 2024

Critical Evaluation and Testing of Commonly Reported Accident Causes, IAAI CFITrainer.net, 2024

Alternative Fuel Vehicles IAAI CFITrainer 2024

Commercial Kitchen Fires Fundamentals 1 -IAAI CFITrainer 2024

Advanced Concepts in Self-Heating Fires: The Forensic Approach IAAI International Training Conference, Las Vegas Nevada 2024

An Introduction to Hybrid & Electric Vehicle Fires: Investigation & Analysis, IAAI International Training Conference, Las Vegas Nevada 2024

Challenges of Investigating and Prosecuting a Cross-State Serial Arsonist, IAAI International Training Conference, Las Vegas Nevada 2024

Exploring the Impact of Artificial Intelligence, IAAI International Training Conference, Las Vegas Nevada 2024

Observational Indicators of Enhanced Soot Deposition on Smoke Alarms in Forensic Investigation, IAAI International Training Conference, Las Vegas Nevada 2024

State v. Claude F Garrett and the Application of the Scientific Method, IAAI International Training Conference, Las Vegas Nevada 2024
The Heat is On: Electric & Gas Dryer-Related Forensic Investigations, IAAI International Training Conference, Las Vegas Nevada 2024
The Little-Known Evolution of Solid Fuel Inserts & Their Potential Failure Points, IAAI International Training Conference, Las Vegas Nevada 2024
2024 ITC - Understanding ATF CSST and Lightning, IAAI International Training Conference, Las Vegas Nevada 2024
Fire Effects Part 1 – Heat Effects on Fuels, IAAI CFITrainer.net 2023
Fire Effects Part 1 – Combustion By-Products Effects, IAAI CFITrainer.net 2023
Respiratory Fit Testing, On-Site Health & Safety, 2020
Asbestos Awareness, On-Site Health & Safety, 2020
Expert Witness and Courtroom Testimony, International Association of Arson Investigators, 2019
Understanding Undetermined, IAAI CFITrainer.net, 2019
IAAI Expert Witness Courtroom Testimony, IAAI, 2019 40hrs.
California Conference of Arson Investigators, CCAI, 2018 28hrs.
Giving Stronger Depositions and Trial Testimony, IAAI, 2018
Wildland Fires Investigation, IAAI CFITrainer.net, 2018
Evidence Collection: Collection, Packaging, Preservation, and Analysis, IAAI 2017 Annual Training Conference, 2017
Establishing Viable and Persuasive Theories in Forensic Investigation, IAAI 2017 Annual Training Conference, 2017
Negative Corpus, IAAI 2017 Annual Training Conference, 2017
Use of Fire Damage in Fire Investigation, IAAI 2017 Annual Training Conference, 2017
Fixed Fire Extinguishing Systems and Fire Investigations, IAAI 2017 Annual Training Conference, 2017
Fire Dynamics, IAAI 2017 Annual Training Conference, 2017
Fire Investigation Technician (IAAI-FIT), IAAI, 2017
NFPA 921 Update 2017, IAAI CFITrainer.net, 2017
Fire Protection Systems, IAAI CFITrainer.net, 2017
Combustion Analysis, Red Vector Online Training, 2017
Thermometry, Heat, and Heat Transfer, IAAI CFITrainer.net, 2017
Thermodynamics I: An Introduction, Red Vector Online Training, 2017
Fire Essentials and Fire Science, Red Vector Online Training, 2017
Dust Explosion Hazards, IAAI International Training Conference, Orlando, Florida, 2016
Arc Mapping Research and Updates, IAAI International Training Conference, Orlando, Florida, 2016
Lithium Ion Batteries: Implications in Fire and Explosion Investigations, IAAI International Training Conference, Orlando, Florida, 2016
Comparing the Response of Hydrocarbon Detectors to Laboratory Analysis of Household Substrates, IAAI International Training Conference, Orlando, Florida, 2016
COHb Levels in Fire Victims and Origin Analysis, IAAI International Training Conference, Orlando, Florida, 2016
Forensic laboratories, IAAI International Training Conference, Orlando, Florida, 2016

New Equipment and Technology for the Fire Investigator, IAAI International Training Conference, Orlando, Florida, 2016

A Review of Soil Gas Migration in Natural Gas Fire and Explosions, IAAI International Training Conference, Orlando, Florida, 2016

Thermodynamics: Defined and Discussed, IAAI International Training Conference, Orlando, Florida, 2016

Surviving a 1033 Challenge: How to Avoid Being Labeled a Hack, IAAI International Training Conference, Orlando, Florida, 2016

Selecting the Fire Science Expert in the New Millennium, IAAI International Training Conference, Orlando, Florida, 2016

Fundamentals of Residential Building Construction, IAAI CFITrainer.net, 2016

Investigating Natural Gas Systems, IAAI CFITrainer.net, 2016

Residential Natural Gas Systems, IAAI CFITrainer.net, 2016

Using Resources to Validate Your Hypothesis, IAAI CFITrainer.net, 2016

Process of Elimination, IAAI CFITrainer.net, 2016

Electrical Safety, IAAI CFITrainer.net, 2016

Evidence Examination: What Happens at the Lab?, IAAI CFITrainer.net, 2016

DNA, IAAI CFITrainer.net, 2016

Ethics and the Fire Investigator, IAAI CFITrainer.net, 2016

Residential Electrical Systems, IAAI CFITrainer.net, 2016

Basic Electricity, IAAI CFITrainer.net, 2016

NFPA 1033 and Your Career, IAAI CFITrainer.net, 2016

The Scientific Method For Fire and Explosion Investigation, IAAICFITrainer.net, 2016

The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, IAAI CFITrainer.net, 2016

Electricity From the Outside In, IAAI CFITrainer.net, 2015

Understanding Clean Burn Patterns, IAAI CFITrainer.net, 2015

Mathematics for Fire Investigators, IAAI CFITrainer.net, 2015

Understanding Post Flashover Fire Behavior, IAAI CFITrainer.net, 2015

Fire Dynamics, IAAI CFITrainer.net, 2015

A Perfect Storm Brewing for Fire Investigators, IAAI CFITrainer.net, 2015

OSHA 2015-Hazardous Materials, OSHA Training Institute, Eastern Kentucky University OTI Education Center, 2015

Fire Investigator Scene Safety, IAAI CFITrainer.net, 2014

Arc Mapping Basics, IAAI CFITrainer.net, 2014

A Ventilation Focused Approach to the Impact of Building Systems and Structures on Fire, IAAI CFITrainer.net, 2013

Digital Photography and the Fire Investigator, IAAI CFITrainer.net, 2013

Documenting the Event, IAAI CFITrainer.net, 2013

Introduction to Evidence, IAAI CFITrainer.net, 2013

Physical Evidence at the Fire Scene, IAAI CFITrainer.net, 2013

Understanding Fire Through Candle Experiments, IAAI CFITrainer.net, 2013

Education:

Bachelor of Science Degree Fire Arson and Explosion Investigation, Eastern Kentucky University, Richmond, KY, 2015

Bachelor of Science Chemistry Program, (60 credits earned), University of Regina, Regina, SK, Canada, 2007

Automotive Service Technician Certificate, Saskatchewan Institute of Applied Science and Technology, Regina, SK, Canada, 1997

Emergency Medical Technician Certificate, Saskatchewan Institute of Applied Science and Technology, Regina, SK, Canada, 1992

Affiliations:

International Association of Arson Investigators (IAAI)

International Association of Bomb Technicians and Investigators

National Association of Fire Investigators (NAFI)

National Fire Protection Association (NFPA)

California Conference of Arson Investigators (CCAI)