



Michael Gillissie | Fire Investigator, IAAI-CFI

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Professional Summary:

Michael Gillissie served as a full-time firefighter with the City of Cleveland since November of 1996 until his retirement in February of 2023. He held the rank of Captain and was assigned as the Officer in Charge of the Fire Investigation Unit. The Cleveland Fire Department Fire Investigation Unit conducts an average of 550 investigations every year. These investigations involve automobile and structure fires of either intentional or undetermined causes. He is currently a Certified Fire Investigator through the International Association of Arson Investigators. He currently holds the State of Ohio Certification as a Firefighter II, Paramedic, EMS Instructor, Fire Instructor and Live Fire Instructor (0079402). He also holds a current State of Ohio License as a Registered Nurse (RN 308036).

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, IAAI #01-0314118
Evidence Collection Technician, International Association of Arson Investigators, IAAI #777
Certified Firefighter Level 2, Ohio Department of Public Safety, #79402
Certified Fire/EMT Instructor, Ohio Department of Public Safety, #79402
Certified Live Fire Instructor, Ohio Department of Public Safety, #79402
Certified Paramedic, Ohio Department of Public Safety, #79402
Private Investigator, State of Ohio, #20231100479683

Court Qualifications/ Depositions:

Litigation CV available upon request.

Professional Experience:

EFI Global, Fire Investigator, 2023-Present
Cleveland Fire Department, Captain/Fire Investigator/Fire and Ems Instructor 1996-2023
Cleveland Clinic Hospitals, Registered Nurse/Case Manager, 2003-2018

Specialized Education:

Northern Ohio Arson Seminar, IAAI OSFM, February 2023
Identifying Damage to Electrical Conductors for Fire Investigators, DACARI, January 2023
Propane Explosions: Failure Modes, Scene Exam, and Litigation Essentials June 2022
Northern Ohio Arson Seminar, IAAI OSFM, February 2022
Fire Protection Systems, IAAI CFITrainer, January 2022

Basic Electricity, IAAI CFITrainer, November 2021
Process of Elimination, IAAI CFITrainer, September 2021
Arc Mapping Basics, IAAI CFITrainer, September 2021
The Impact of Ventilation in Building Structures on Fire Development, IAAI CFITrainer, August 2021
Lithium-Ion Battery Fires, IAAI CFITrainer, June 2021
Advanced Origin and Cause, Cuyahoga Community College, April 2021
Introduction to Appliances, IAAI CFITrainer, March 2021
Digital Photography and the Fire Investigator, IAAI CFITrainer, February 2021
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, IAAI CFITrainer, January 2021
How First Responders Impact the Fire Investigation, IAAI CFITrainer, November 2020
Fire Investigation for Fire Officers, IAAI CFITrainer, October 2020
Explosion Dynamics, IAAI CFITrainer, October 2020
Motor Vehicles: The Engine, Ignition, Electrical, and Fuel Systems, IAAI CFITrainer, October 2020
Insurance and the Fire Investigation, IAAI CFITrainer, September 2020
Effective Investigation and Testimony, IAAI CFITrainer, August 2020
Residential Electrical Systems, IAAI CFITrainer, August 2020
NFPA 1500 HAZMAT Transportation, Cleveland Fire Training, June 2020
Writing the Origin and Cause Report, IAAI CFITrainer, April 2020
Fundamentals of Interviewing, IAAI CFITrainer, March 2020
Fire Flow Analysis, IAAI CFITrainer, March 2020
NFPA 1500 Advanced HAZWOPER Awareness #1, Cleveland Fire Training, March 2020
NFPA 1500 Advanced HAZWOPER Awareness #2, Cleveland Fire Training, March 2020
Evidence Examination: What Happens at the Lab, IAAI CFITrainer, February 2020
DNA, IAAI CFITrainer, February 2020
Critical Evaluation and Testing of Commonly Reported Accidental Causes, IAAI CFITrainer, January 2020
Minimizing Risk and Exposure to Harmful Substances, Cleveland Fire Training, January 2020
NFPA 1500 Advanced HAZWOPER Awareness #4, Cleveland Fire Training, December 2019
NFPA 1500 Advanced HAZWOPER Awareness #3, Cleveland Fire Training, December 2019
Basic Origin and Cause, Cuyahoga Community College, November 2019
Residential Natural Gas Systems, IAAI CFITrainer, November 2019
Understanding Undetermined, IAAI CFITrainer, November 2019
Electrical Safety, IAAI CFITrainer, October 2019
Vacant and Abandoned Buildings: Hazards and Solutions, IAAI CFITrainer, October 2019
Elevators and Elevator Keys, Cleveland Fire Training, September 2019
The Scientific Method for Fire and Explosion Investigation, IAAI CFITrainer, June 2019
Intro to Fire Dynamics and Modeling, IAAI CFITrainer, June 2019
Investigating Fatal Fires, IAAI CFITrainer, June 2019
Physical Evidence at the Fire Scene, IAAI CFITrainer, June 2019
Documenting the Event, IAAI CFITrainer, May 2019
Introduction to Evidence, IAAI CFITrainer, May 2019
Fundamentals of Residential Building Construction, IAAI CFITrainer, May 2019
Search and Seizure, IAAI CFITrainer, May 2019
Fire Investigator Scene Safety, IAAI CFITrainer, April 2019
Building Construction, Cleveland Fire Training, January 2019
Accreditation, Certification, and Certificates, IAAI CFITrainer, January 2019
Ethical Duties Beyond the Fire Scene, IAAI CFITrainer, January 2019
Charting Your Career in Fire Investigation, IAAI CFITrainer, January 2019
Ohio Peace Officer Training Academy, Cleveland Police Department, January 2019

Investigating Motor Vehicle Fires, IAAI CFITrainer, November 2018
Electrical Hazards, Cleveland Fire Training, November 2018
Basic Electricity, IAAI CFITrainer, November 2018
Ethics and the Fire Investigator, IAAI CFITrainer, October 2018
NFPA 1033 and Your Career, IAAI CFITrainer, October 2018
Charleston Sofa Super Store Fire, IAAI CFITrainer, October 2018
Fire Chemistry, IAAI CFITrainer, October 2018
The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, IAAI CFITrainer
October 2018
NFPA 1021 Fire Officer I and II, Cleveland Fire Training Academy, April 2018

Education:

Bachelor of Science, Nursing, Ohio University, Athens Ohio, 2016 (Magna Cum Laude)

Affiliations:

International Association of Arson Investigators (IAAI)
Ohio Chapter, International Association of Arson Investigators (IAAI)

Courses Instructed/ Guest Lecturer:

Fire Investigations for the Company Officer
International Fire Services Training Association, Fire Investigation
Live Fire Practical Evolutions, Cleveland Fire Department
National Registry Emergency Medical Technician, Initial Certification

Honors and Awards:

Florian Cross, Cleveland Fire Department, August 2013
Hero Award, American Red Cross, October 2013