

Gregory Terlecky | Senior Fire/Explosion Investigator, CFI, CFEI, YFIS

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Professional Summary:

Mr. Gregory Terlecky began his emergency services career in 1999 in United States of America. He has served the public as a Firefighter, Fire Investigator, Emergency Medical Technician and Educator. Mr. Terlecky's background demonstrates a required attention to detail that will be an inherent part of all work being completed. He joined EFI Global Canada in May 2023. Mr. Terlecky brings a variety of experience to the fire investigations team. Mr. Terlecky has assisted police forces, fire departments and the insurance industry in determining the cause and origin for over 500 fires as a lead investigator and several hundred more in a support or supervising role in both the public and private sectors. He possesses extensive knowledge on fire cause determination and has been called to court as an expert witness.

Licenses & Certifications:

Certified Fire Investigator (CFI), International Association of Arson Investigators (IAAI)
Certified Fire and Explosion Investigator (CFEI), National Association of Fire Investigators (NAFI)
Certified Fire Investigator, Illinois State Fire Marshal (IFSM)
Youth Fire Setter Intervention Specialist, Illinois State Fire Marshal (IFSM)

Professional Experience:

Training Officer, Chicago Fire Department, Office of Fire Investigations (2017 – 2021)

Responsible for organizing, developing, administering and documenting training materials and programs for a fire investigation unit comprising of 32 full time career fire investigators and staff as well as members of the public and private sectors.

Fire Investigator, Anderson Engineering (2014-2021) Responsible for all aspects of fire investigation including scene processing to determine origin and cause, producing all pertinent documentation, photo documentation, evidence collection, producing technical and summary reports and providing expert courtroom testimony.

Supervising Fire Marshal, Chicago Fire Department, Office of Fire Investigations (2012–2021) Responsible to supervise fire scene investigations as the Primary Response Fire Marshal. Work as liaison with outside agencies, both public and private sector, to communicate pertinent information and coordinate multi agency investigations.

Fire Marshal, Chicago Fire Department, Office of Fire Investigations (2008–2021) Responsible for conducting fire investigations in the City of Chicago as directed by the Fire Commissioner, Chicago Fire Department. Conduct fire scene investigations by analysis of burn patterns, conducting of interviews, photo documentation, debris sample collection, producing diagrams and supplemental documentation, for the purpose of determining origin and cause.

Fire Fighter, EMT, Chicago Fire Department (1999– 2022)

Specialized Courses:

- Advanced Technician Firefighter, University of Illinois Fire Service Institute, 2018
- Fire Service Instructor I & II, University of Illinois Fire Service Institute, 2018
- Sprinkler/ Standpipe Class, Chicago Fire Academy, 2018
- Electrical Fire Investigations, Chicago Fire Academy, 2018
- Fatal Fire Investigations, Chicago Fire Academy, 2018
- Fire Investigator Modules I, II & III, Illinois Fire Service Institute 2012
- Advanced Origin and Cause and Courtroom Testimony, Bureau of Alcohol, Tobacco, Firearms and Explosives, 2010
- Hazardous Materials Technician A, Illinois Fire Service Institute, 2009
- Hazardous Materials Operations, Illinois Office of the State Fire Marshal, 2008
- CFI Trainer Investigators Programs Completed, International Association of Arson
- Common Causes of Accidental Fire, 2022
- Electrical Systems 2020 [CFITrainer.net](https://www.CFITrainer.net)
- Charting Your Career Path in Fire Investigation, 2020
- Critical Thinking, 2020
- Digital Photography, 2020
- Evidence Lab Examination, 2020
- Explosion Dynamics, 2020
- Motive, Means and Opportunity, 2020
- Physical Evidence, 2020
- Safety Considerations, 2020
- Understanding Undetermined, 2020
- Arc Mapping, 2019
- Documenting the Event, 2019
- Ethics for Fire Investigators, 2019
- Investigating Fatal Fires, 2017
- Motor Vehicle Fires, 2017
- Post Flashover Fires, 2017
- Understanding Undetermined, 2018
- Preparation for the Marine Fire Scene, 2013
- Vacant Buildings: Hazards and Solutions, 2013
- Wildland Fire Investigation, 2012

Seminars Attended:

- Counter Terrorism Briefing, Argonne National Laboratories, 2019
- Arson for Prosecutors, National Center for Explosives Training and Research, 2018
- Counter Terrorism Briefing, Argonne National Laboratories, 2018
- Natural Gas Fire and Emergency Response, People's Gas Training Center, 2012
- Vehicle Fires and Insurance Fraud, Chicago Office of Fire Investigations, 2010
- Electrical and Gas Appliance Fires, Chicago Office of Fire Investigations, 2010
- Courtroom Demeanor and Curriculum Vitae, Chicago Office of Fire Investigations, 2010
- Failure Analysis of Electrical Systems, Chicago Office of Fire Investigations, 2010
- Evidence Collection, Chicago Office of Fire Investigations, 2010
- Civil Litigation, Chicago Office of Fire Investigations, 2010

Affiliations:

- International Association of Arson Investigators (IAAI)
- National Association of Fire Investigators (NAFI)
- National Association of Marine Investigators (IAMI)

Honors and Awards:

- Joint Operations Award, Chicago Fire Department, 2021
- Special Recognition Award, Chicago Fire Department, 2020
- Unit Performance Award, Chicago Fire Department, 2015
- Outstanding Achievement Award, International Association of Arson Investigators (IAAI)
- Outstanding Achievement Award, Illinois Arson Awareness Committee