

Clyde R. Goin | Senior Fire Investigator, IAAI-CFI

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Professional Summary:

Mr. Goin has 46 years of experience with 26 years of experience in the Fire Service and Law Enforcement and 20 years of experience in the private sector. He has conducted or assisted in over 3000 fire investigations. He has investigated residential, commercial and industrial structures and has investigated numerous motor vehicle fires including heavy machinery. During the course of investigations, Mr. Goin has interacted and worked alongside with local, state and federal agencies and fire service personnel.

Areas of expertise:

- Fire Origin and Cause Determination
- Explosion Origin and Cause Determination

Licenses and Certifications:

Permanent Employee Registration Card, Illinois Division of Professional Regulation, Illinois 129242146

Private Detective, Wisconsin Dept. of Safety and Professional Services, Wisconsin, 11445-63

Private Investigator, Missouri Division of Professional Regulation, Missouri, 2014040559

Private Investigator, Indiana Professional Licensing Agency, Indiana, PI20700014

Certified Fire Investigator - International Association of Arson Investigators (IAAI), 2000, Re-certification, 2005, 2010, 2015

Certified Fire Investigator 1980/Certified Arson Investigator 1982- Office of the Illinois State Fire Marshall

Certified Fire Investigator, Missouri Division of Fire Safety, 2014

Certified Fire Investigator – National Board on Fire Service, Professional Qualifications, 2000

Certified Firefighter II, Office of the Illinois State Fire Marshall, 1974

Certified Advanced Firefighter III, Office of the Illinois State Fire Marshal, 1983

Certified Instructor I

Office of the Illinois State Fire Marshall, 1983

Certified Standard Instructor II, Office of the Illinois State Fire Marshall, 1984

Project Experience:

**Chemical Plant- Illiopolis, Illinois
Explosion-Fire, multiple fatalities**

Joint examination with many parties, over an extended period of time, resulting in definitive origin and cause findings.

**Residence, Alton, Illinois
Arson Fire, firefighter fatalities**

Investigation resulted in definitive finding of incendiary fire with resulting arrest and conviction of arsonists in Federal Court.

**Bank, Chicago, Illinois
Fire investigation**

Lead investigator in joint examination investigation into multi-million-dollar fire resulting in definitive origin and cause findings with subrogation potential.

Court Qualifications/ Depositions:

Litigation CV available upon request.

Professional Experience:

EFI Global/ Unified Investigations & Sciences, Addison, IL, Senior Investigator, 2008-2018
TRC Solutions, Bloomingdale, IL, Senior Investigator, 2007-2008
EFI Global, Carol Stream, IL, Fire Investigator, 2000-2007
Illinois State Fire Marshalls Office, Division of Arson Investigation, Springfield, IL, Special Agent (Arson Investigator), 1986-2000
Bloomington Fire Dept, Bloomington, IL, Firefighter/Arson Investigator, 1974-1986

Specialized Education:

International Association of Arson Investigators (IAAI) – CFI Trainer.net:
Introduction to Appliances, April 6, 2021, 3 Hours (tested)
Understanding Undetermined, April 6, 2021, 3 Hours (tested)
Accreditation, Certification and Certificates, April 7, 2021, 3 Hours (tested)
Critical Evaluation and Testing, April 7, 2021, 3 Hours (tested)
Thermometry, Heat and Heat Transfer, April 7, 2021, 3 Hours (tested)
Motor Vehicles: The Engine and The Ignition, Electrical, and Fuel Systems, April 7, 2021, 3 Hours (tested)
Motor Vehicles: Transmission, Exhaust, Brake and Accessory Systems, April 7, 2021, 3 Hours (tested)
Residential Natural Gas Systems, April 9, 2021, 3 Hours (tested)
Fire Flow Analysis, April 9, 2021, 3 Hours (tested)
Electric Hybrid Vehicle Design Basics, April 9, 2021, 3 Hours (tested)
Understanding Fire Through the Candle Experiments, April 12, 2021, 3 Hours (tested)
Writing Initial Origin and Cause Report, April 12, 2021, 3 Hours (tested)
Investigation of Motor Vehicle Fires, April 12, 2021, 4 Hours (tested)
Investigating Natural Gas Systems, April 12, 2021, 3 Hours (tested)

Electrical Safety, April 13, 2021, 3 Hours (tested)
Emerging Technologies in Fire investigation, April 13, 2021, 3 Hours (tested)

Illinois Chapter – International Association of Arson investigators:
Fire Dynamics and the Fire Scene;
Laws Relating to Fire Investigation, Evidence Procedures and Crime Scenes;
Evidence Collection – Processing the Fire Scene
Champaign, IL, September 2018, 24 Hours (tested)

Illinois Chapter, IAAI Seminar, October 18, 2018, 24 Hours (tested)

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire Investigation, Champaign, IL, September 2016, 8 Hours, (tested)

International Association of Arson Investigators (IAAI) – CFI Trainer.net:
Fire Protection Systems, October 1, 2016, 3 Hours (tested)
Ethical Duties Beyond the Fire Scene, October 1, 2016, 3 Hours (tested)
Arc Mapping Basics, August 2015, 4 Hours (tested)
Basic Electricity, August 2015, 4 Hours (tested)
Critical Thinking Solves Cases, August 2015, 4 Hours (tested)
Documenting the Event, August 2015, 4 Hours (tested)
Explosion Dynamics, August 2015, 4 Hours (tested)
Fundamentals of Interviewing, August 2015, 4 Hours (tested)
Introduction to Evidence, August 2015, 4 Hours (tested)
Managing Complex Fire Investigations, August 2015, 4 Hours (tested)
Physical Evidence at the Fire Scene, August 2015, 4 Hours (tested)
Post Flashover Fires, August 2015, 4 Hours (tested)
Residential Electrical Systems, August 2015, 4 Hours (tested)
Search and Seizure, August 2015, 4 Hours (tested)
Process of Elimination, August 2015, 3 Hours (tested)
The Deposition Part 1, August 2015, 3 Hours (tested)
The Deposition Part 2, August 2015, 3 Hours (tested)
A Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire, August 2015, 4 Hours (tested)

Globally Harmonized System of Classification and Labeling of Chemicals
OSHA 29 CFR 1910.1200, June 29, 2015, 1 hour (tested)

Hazmat First Responder Operations Training, OSHA 29 CFR 1910.120(q)(6)(ii)
Hazmat Student, LLC, September 29, 2014, 8 Hours (tested)

Asbestos Awareness Training, OSHA and EPA Regulations
Haz-Mat Student, LLC, September 30, 2014, 2 Hours (tested)

International Association of Arson Investigators (IAAI) – CFITrainer.net:
NFPA 921 and 1033 2014 Editions: Important Revisions, May 2014, 3 Hours (tested)
Fire Science, Fire Chemistry, Thermodynamics, Fire Dynamics, Explosion Dynamics,
Computer Fire Modeling, Fire Investigation, Fire Analysis, Fire Investigation Methodology,
Hazardous Materials, Failure Analysis, Fire Protection Systems, Evidence Documentation,
Electricity and Electrical Systems.

Vehicle Fire Investigation, Terrance Hoyle Northern Zone Seminar
March 28, 2014 – March 29, 2014, 16 Hours (tested)

OSHA 8-hour Annual Refresher with Asbestos Awareness #1361 (29 CFR 1910.120), Association
of Bay Area Governments, 2012, 8 Hours (tested)

Fire Investigator Scene Safety, December 2011, 3 Hours (tested)

Basics of Insurance, November 2010, 4 Hours (tested)

Daubert Challenge, August 2010, 4 Hours (tested)

Fire Scene Photography, May 2010, 4 Hours (tested)

Courtroom Testimony, March 2010, 4 Hours (tested)

Vehicle Fires, February 2010, 4 Hours (tested)

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Champaign, IL, September 2006, 32 Hours (tested)

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Champaign, IL, September 2005, 32 Hours

Central Illinois Fire Investigators Association, Techniques of Fire Investigation
East Peoria, IL, March 2001, 32 Hours

University of Illinois, Fire Service Institute, Hazardous Materials Operations
Carbondale, IL, July 2000, 40 Hours (tested)

Southern Illinois Law Enforcement Council, Certified Illinois Juvenile Police Officer
Springfield, IL, September 1997, 40 Hours (tested)

International Association of Arson Investigators, Techniques of Fire Investigation
St. Louis, MO, May 1996, 32 Hours

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Champaign, IL, September 1995, 32 Hours

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Champaign, IL, September 1994, 32 Hours

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Champaign, IL, September 1992, 32 Hours

Missouri Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Lake Ozark, MO, May 1992, 32 Hours

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Champaign, IL, September 1991, 32 Hours

Missouri Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Lake Ozark, MO, May 1991, 32 Hours

National Fire Protection Association, National Symposium on Arson Control
Houston, TX, September 1990, 24 Hours

Springfield, Illinois State Police Academy, Interview and Interrogation

Springfield, IL, June 1990, 24 Hours

Ohio Chapter, International Association of Arson Investigators, Techniques of Fire Investigation
Columbus, OH, September 1990, 32 Hours

University of Illinois, Police Training Institute, Advanced Criminal Investigation Techniques
Champaign, IL, August 1989, 40 Hours (tested)

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Champaign, IL, September 1989, 24 Hours

Southern Illinois Arson Investigators Association, Techniques of Fire Investigation
Collinsville, IL, April 1989, 16 Hours

Southern Illinois Law Enforcement Council, Satanic Cults Investigations
Belleville, IL, January 1989, 24 Hours

Southern Illinois Arson Investigators Association, Techniques of Fire Investigation
Collinsville, IL, April 1988, 16 Hours

Illinois Chapter - International Association of Arson Investigators, Techniques of Fire
Investigation, Champaign, IL, September 1987, 24 Hours

Southern Illinois Arson Investigators Association, Techniques of Fire Investigation
Collinsville, IL, April 1987, 16 Hours

University of Illinois, Fire Service Institute, Fire Service Instructor II
Champaign, IL, September 1984, 40 Hours (tested)

University of Illinois, Fire Service Institute, Fire Service Instructor I
Champaign, IL, September 1983, 40 Hours (tested)

Illinois State Police Training Academy, Basic Law Enforcement Training
Springfield, IL, April 1982, 240 Hours (tested)

John Reid College, Interview and Interrogation, Chicago, IL, January 1982, 40 Hours (tested)

University of Illinois, Fire Service Institute, Advanced Arson Investigation
Champaign, IL, June 1981, 40 Hours (tested)

International Association of Arson Photographers, Arson Photography
Collinsville, IL, December 1980, 16 Hours

University of Illinois, Fire Service Institute, Basic Arson Investigation
Champaign, IL, December 1980, 40 Hours (tested)

Illinois State University, Techniques of Fire Investigation, Normal, IL, July 1980, 16 Hours

National Fire Protection Association, Life Safety Code, Bloomington, IL, June 1980, 24 Hours

Illinois Central College, Juvenile Firesetters School, East Peoria, IL, May 1980, 16 Hours

Illinois Central College, Chemistry of Flammable Materials
East Peoria, IL, September 1975, 48 Hours (tested)

Illinois Central College, Fire Protection Systems, East Peoria, IL, September 1975, 48 Hours,
(tested)

Illinois Central College, Fire Tactics and Strategy, East Peoria, IL, September 1975, 48 Hours
(tested)

Illinois Central College, Fire Investigation
East Peoria, IL, September 1974, 48 Hours (tested)

Illinois Central College, Fire Service Hydraulics
East Peoria, IL, September 1974, 48 Hours (tested)

University of Illinois, Fire Service Institute, Basic Firefighting Academy
Pekin, IL, June 1974, 240 Hours (tested)

Affiliations:

International Association of Arson Investigators (IAAI)
International Association of Arson Investigators (IAAI) – Illinois Chapter

Courses Instructed/ Guest Lecturer:

Illinois State Police Training Academy, Springfield, IL
University of Illinois Fire Service Institute, Champaign, IL
University of Illinois Police Training Institute, Champaign, IL
Illinois Law Enforcement Training Council, Belleville, IL
Southwestern Illinois College, Belleville, IL
International Association of Arson Investigators, St. Louis, MO
Illinois Department of Corrections, Springfield, IL
Illinois Fire Inspectors Association, Bloomington, IL
Central Illinois Fire Investigators Association, Peoria, IL
Arson Task Force, Kansas City MO
Idaho State Fire College Idaho Falls, Idaho
Lewis – Clark State College, Lewiston, Idaho
Northern Illinois Arson Seminar Inc., Rockford, IL
Illinois Fire Marshal, Division of Arson Investigation, Springfield, IL
Southern Illinois Arson Investigators Association, Collinsville, IL
John A. Logan College, Carterville, IL
Fire Investigation Task Force
Will, Cook & Grundy Counties, Illinois

Honors and Awards:

Certificate of Recognition, Office of the Illinois State Fire Marshall, 9/17/99,
Recognition for caseload and number of arrests made

Certificate of Appreciation, United States Department of the Treasury, (BATF), 3/5/93,
for contributions made to successful investigation of Arson fire on 10/24/92 that caused the deaths
of two firefighters

Class Valedictorian, Law Enforcement Training Academy for Arson Investigators, Class #1,
Illinois Department of Law Enforcement, Illinois State Police Training Academy, 5/28/92