

**Patrick L. Murphy, CFEI**  
**Forensic Analyst**

*Areas of Specialization:*

Certified investigator and instructor responsible for the technical investigation of fires and explosions. Investigation activities encompass not only scene exam with respect to cause, origin and circumstances of fires and explosions, but additionally into areas of safety and code violations. This activity is also in the field of product liability when applied. Experience enables the expert testimony in state and federal judicial systems in the United States.

**Credentials:**

*Employment History*

*November 2003 - Present*

Forensic Services Group, Inc.

President and Principal

- Responsibilities: Conduct technical investigations into the cause of property related losses. Performed inspections and testing of electrical and mechanical devices for failure analysis. Applied codes and standards pertaining to incidents that resulted in losses of life and property. Responsible for management of technical staff that conducted investigations and testing.

*March 1985 - November 2003*

Wolf Technical Services, Inc. Indianapolis, Indiana

Senior Fire Investigator and Vice-President

- Senior Fire Investigator since 1985, responsible for the technical investigation of fires and explosions. Investigation activities encompass not only scene exam with respect to cause, origin and circumstances of fires and explosions, but additionally into areas of safety and code violations. This activity is also in the field of product liability when applied. Experience enables the expert testimony in state and federal judicial systems in the United States.

*February 1981 - February 1985*

INS Investigations Bureau Inc.

Special Agent

- Responsibilities: As special agent, had the responsibility of conducting the investigation of potential frauds against the insurer and protection of the concerned parties from liability. Investigations ranged from theft and burglary to the destruction of multiple story structures by fire. In the position of Special Agent Supervisor, responsible for the investigation of cases throughout the northern half of the United States. Worked in conjunction with numerous law enforcement agencies in the country. This experience enables the expert testimony in several state and federal court systems.



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*September 1978 - February 1981*

Indiana State Fire Marshal's Office

Investigator

- Responsibilities: Conducted investigations into the cause, origin and circumstances of fires and related crimes throughout the state. Developed joint investigations with several municipal, county, state, and federal agencies. This involved the investigation of crimes ranging from Arson to Homicide. Experience gained during this period was in the investigation of well in excess of 300 cases. Courtroom testimony requiring qualification of expert in several judicial circuits in Indiana.

*January 1975 - September 1978*

Lawrence Fire Dept. - Lawrence, IN

Investigator

- Responsibilities: Responsible for the investigation of fires in excess of \$100.00 loss. Maintained records for reporting to the governing bodies of the city and state. Organized the first active investigations unit in the history of the fire department. Additional responsibilities included the preparation of both criminal and civil cases. This also included expert testimony qualifications.

### ***Education***

Basic Electricity	4 hours	4/14
International Association of Arson Investigators Residential Electrical Systems	4 hours	4/14
International Association of Arson Investigators Associate's Degree – Fire Science, Kaplan University		11/11
Arc Mapping Basics	4 hours	8/09
International Association of Arson Investigators, Indianapolis, Indiana Postflashover Fires	4 hours	8/09
International Association of Arson Investigators, Indianapolis, Indiana Fire Sprinkler Options in the IBC and LSC, Indianapolis, IN	6 hours	2/09
Indiana Fire and Arson Conference	24 hours	8/08
Indiana Chapter, International Association of Fire Investigators, Indianapolis, IN Indiana Fire and Arson Conference	24 hours	8/07
Indiana Chapter, International Association of Fire Investigators, Indianapolis, IN Indiana Fire and Arson Conference	24 hours	8/06
Indiana Chapter, International Association of Fire Investigators, Indianapolis, IN Indiana Fire and Arson Conference	24 hours	8/05
Indiana Chapter, International Association of Arson Investigators, Indianapolis, IN NFPA 70 - National Electrical Code,	24 hours	11/04
National Fire Protection Association, Schaumburg, IL Electrical Fire Causes, Appliance Fires, Advanced Fire Investigation	24 hours	8/04
Ind. Fire & Arson Conf., Indianapolis, IN Investigation of Gas and Appliance Fires, St. Joseph, MI	16 hours	5/03
Air Conditioning Service, Trane Commercial Systems, LaCrosse, WI	40 hours	11/02
NFPA 921 Structural and Vehicles-Int'l Assoc. of Arson Inv., Louisville, KY	20 hours	8/01
Troubleshooting-Electrical/Electronics Systems-Electric League of Indiana, Indianapolis, IN	15 hours	3/02
Basic Electricity - Electric League of Indiana, Indianapolis, IN	27 hours	11/00
National Advanced Fire, Arson and Explosion Investigation Science and Technology Program - Eastern Kentucky University	24 hours	3/97
Technical Fire Investigations - University of Wisconsin-Madison	16 hours	4/94
Role of Warnings and Instructions - University of Wisconsin-Madison	16 hours	11/92
LP Gas Appliances/RV Fires, Indianapolis, IN	16 hours	2/86
Electrical Fires, Fort Wayne, IN	16 hours	10/85
Electrical Fires, Springfield, IL	8 hours	10/84

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Fire and Arson Seminar-Marion County Fire Prevention and Arson Association,  
Indianapolis, IN  
Fire and Arson Investigation-National Fire Academy, Emmitsburg, MD  
Fire Ground Commander-National Fire Protection Association, Indianapolis, IN  
Arson Investigation, Valparaiso, IN  
Bomb Threat/Search-Dept. of the Army, Ft. Benjamin Harrison, IN  
Cause and Origin - Wayne Twp. Fire Dept., Indianapolis, IN  
Arson Leadership and Command, Ft. Benjamin Harrison, IN

***Certifications***

National Association of Fire Investigators - Certified Fire and Explosion Investigator	3/97
National Association of Fire Investigators -Certified Fire Investigation Instructor	3/97
State of Indiana - Master Firefighter - Fire and Arson Investigation	10/76

***Professional Affiliations***

National Fire Protection Association  
International Association of Arson Investigators  
Indiana Chapter - International Association of Arson Investigators  
National Association of Fire Investigators

***Honors***

Appreciation of Services - Indiana State Fire Marshal Dept., Indianapolis, IN	2/81
Certificate of Appreciation - Marion County Sheriff's Dept., Indianapolis, IN	1/81
Letter of Commendation - Marion County Sheriff's Dept., Indianapolis, IN	5/80
Meritorious Service - Indiana Fire Prevention Co., Indianapolis, IN	1/76