

Scott E. McDowell, IAAI-CFI, CFEL, CVFI
Forensic Analyst

Areas of Specialization:

Mr. McDowell has several hundred hours of classroom fire investigation training extending over his nearly 17 years of experience in the fire service. He has investigated and/or supervised several fire and explosion incidents for the City of Goshen and in Elkhart County. These investigations have involved product liability/subrogation issues, multimillion dollar losses, and those with fatalities and serious bodily injury.

Education:

Ivy Technical College Indiana – Associate Science Degree in Fire Science, 2006
Ivy Technical College Indiana – Associate Science Degree in Paramedical Science, 2006
University of Cincinnati – Fire Science Courses, 1994
Stark County Paramedic Program, 1991
Stark Technical College Fire Academy, 1991
Walsh College, 1990 - 1991
Goshen College, 1988 - 1990

Credentials:

Employment History

May 2011 – Present

Forensic Services Group, Inc., Indianapolis, IN
Fire Investigator / Forensic Analyst

- 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.

1993 – Present

Goshen City Fire Department, Goshen, IN
Battalion Chief of Operations/Paramedic/Investigator

May 2009 – February 2011

Unified Investigations & Sciences, Detroit, MI
Special Investigator

- 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.



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2000 - 2006

Parkview Hospital, Ft. Wayne, IN
Flight Paramedic

2000 - 2004

Goshen Police Department, Goshen, IN
Reserve Police Officer/Tactical Medic

1996 - 2000

Circle City Medical, Indianapolis, IN
Orthopedic Sales Manager

1994 - 1998

University of Notre Dame Fire Department, South Bend, IN
Firefighter/Paramedic

Training

IAAI, Electrical Aspects of the Fire Investigator		2013
Indiana Fire Chief's Association, recertification		2012
Indiana Arson Conference (tested)	21 Hours	2012
Indiana Fire Chief's Association, recertification		2011
Indiana Arson Conference (tested)	21 Hours	2011
Fire & Explosion Investigations: Utilizing NFPA 1033 and 921, CFI Trainer.net	4 Hours	2010
Managing Complex Fire Scene Investigations, CFI Trainer.net	4 Hours	2010
Digital Photography and the Fire Investigator, CFI Trainer.net	4 Hours	2010
Fire Investigation Technician Certification, IAAI	6 Hours	2010
Certified Fire & Explosion Investigator, NAFI, recertification	6 Hours	2010
Brunacini Blue Card Training, Target Safety		2010
Indiana Fire Chief's Association, recertification		2010
Forensic Fire Scene Investigation, Public Agency Training, Indianapolis, IN	12 Hours	2009
Fire Investigation Conference, Indiana Chapter of the International Association of Arson Investigators, Indianapolis, IN	24 Hours	2008
Co-Director of the CFI Program for the IAAI Chapter #14, Fire Investigation Conference		2008
Fatality Fire Scene Investigation, Public Agency Training, Indianapolis, IN	12 Hours	2008
Courtroom Testimony Course, IAAI Tennessee Chapter, Pigeon Forge, Tennessee		2008
Fire Investigation Conference, Indiana Chapter of the International Association of Arson Investigators, Indianapolis, IN	20 Hours	2007
Certified Vehicle Fire Investigation Course, Indianapolis, IN		2007
Interview and Interrogation Course, Elkhart, IN		2006
Fire Investigation Seminar, Indiana Chapter of the International Association of Arson Investigators, Indianapolis, IN	24 Hours	2006
Fire Inspection & Code Enforcement, Ivy Tech, South Bend, IN		2006
Fire Investigation Seminar, Indiana Chapter of the International Association of Arson Investigators, Indianapolis, IN	22 Hours	2005
Fire Pattern Recognition, Public Agency Training, Indianapolis, IN		2005

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Fire Investigation Seminar, Indiana Chapter of the International Association of Arson Investigators, Indianapolis, IN	22 Hours	2004
Arson Scene Search and Evidence Recovery, Public Agency Training, Indianapolis, IN		2004
Bomb Threat and Physical Evidence, Department of Alcohol Tobacco and Firearms		2001
Arson Detection, National Fire Academy, Plymouth, IN		1997
Arson Investigation and Detection, University of Cincinnati, Cincinnati, OH		1995

Professional Affiliations

Indiana Fire Chiefs Association
International Association of Arson Investigators (IAAI)
Indiana Chapter - International Association of Arson Investigators
National Association of Fire Investigators (NAFI)
International Association of Firefighters
Indiana Fire Instructor's Association
Elkhart County Fire Investigation Response Support Team

Certifications

IAAI-CFI - Certified Fire Investigator (International Association of Arson Investigators (IAAI), Certification # 14-077 (recertified 2013)	2008
CVFI - Certified Vehicle Fire Investigator, National Fire Investigators Association Registration # 11037-5194V	2007
CFEI – Certified Fire and Explosion Investigator, National Fire Investigators Association, Registration # 11037-5194	2005

Guest Instructor

Mr. McDowell has instructed several programs throughout the State of Indiana on Origin and Cause Investigation and the Detection of Arson and Suspicious Fires. Mr. McDowell is an adjunct instructor for the City of Goshen Fire Department. Mr. McDowell has also been granted a “Bronze” level Authorized Trainer by the Center for Domestic Preparedness, FEMA, for teaching the Federal NIMS program to first responders throughout Indiana.