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**David McVey** | Senior Fire Investigator, CFI, CFEI, CVFI, CMI

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**Professional Summary:**

Mr. McVey has 16 years of fire investigation experience conducting fire investigations for the fire service and private industry. He holds a Bachelor of Science in Fire and Safety Engineering Technology from the University of Cincinnati. He has attended various seminars and holds certifications in several fire investigation areas:

- Origin and Cause - structural
- Origin and Cause – vehicle
- Marine – Fire, Sinking, Collisions
- Fire Protection Systems

He has specialized experience in commercial kitchen fires including trainings focused on inspection and function of fire protection systems. He has conducted several investigations involving commercial kitchens. He also has specialized experience in agricultural fire investigations of grain processing and storage, food processing and farm equipment, as well as fire protection systems including sprinkler and alarm systems in small and large (1,000,000 sq. ft.) commercial facilities. His experience includes the pre-construction plan review, construction inspection and observation of final testing at completion.

**Licenses and Certifications:**

CFI, IAAI, #14-120812

CMI, IAMI, #04099-154

CFEI, NAFI, #8528-3565

CVFI, NAFI, #8528-3565

Fire Investigator, IN, #24092

Fire Inspector I and II, IN, #24092

Private Investigator, IN, #PI20700099

Private Investigator, IL, #129.325584

Private Investigator, TN, #000047843

Private Investigator, AL, #286

Private Investigator, KY, #KY0710

### Project Experience:

#### **Fowler Law Group, Calvert City, KY**

Origin and Cause for towboat explosion

Multiple fatalities and injuries, defense of heater manufacturer

#### **Grange Insurance, Valparaiso, IN**

Origin and Cause for commercial loss

\$1,500,000 Successful defense of neon sign contractor

#### **Allianz Global Corporate and Specialty, Richmond, IN**

Origin and Cause in a dairy processing facility

\$500,000 – outside contractor workmanship error

#### **Indiana Farmers Insurance, Middletown, IN**

Origin and Cause on a Meyer 1800s grain drying tower

\$150,000 – mechanical failure

#### **Indiana Farmer Insurance, Valparaiso, IN**

Origin and Cause – Liability Defense

1.5 million dollar residential loss, provided defense for fireplace installation

#### **National Interstate Insurance, Ellettsville, IN**

Origin and Cause – product defect

\$500,000 RV fire – defective refrigeration

#### **Homegoods Distribution Center, Brownsburg, IN**

Fire Protection Systems review and construction inspection

1,000,000 sq. ft. warehouse

#### **Guitar Center Distribution Center, Brownsburg, IN**

Fire Protection Systems review and construction inspection

7000,000 sq. ft. warehouse

Origin and Cause for commercial loss

\$1,500,000 Successful defense of neon sign contractor

### Professional Experience:

EFI Global, Franklin, TN, Fire Investigator, 2007 – Present

Unified Fire Investigations, Special Investigator, 2003 – 2006

Indianapolis Fire Department (merged with Washington Township Fire Department), Firefighter, Paramedic 1989-2010, Hazardous Materials, 1989 – 2009

Brownsburg Fire Territory, Assistant to the Fire Marshal, 2000-2003, Plan-review, inspections, code enforcement

**Specialized Education:**

International Association of Marine Investigators (IAMI) National Seminar, 24 hours, March 2019

Tennessee Fire and Arson Conference, IAAI Tennessee, 31 hours tested, August 2018

Tennessee Advisory Committee on Arson Conference, 18 hours tested, May 2018

International Association of Marine Investigators (IAMI) National Seminar, 24 hours, March 2017

Maritime Law, International Association of Marine Investigators National Seminar, March 2017

Marine Electrical Systems, IAMI National Seminar, March 2017

Tennessee Fire and Arson Conference, IAAI Tennessee, 31 hours tested, August 2018

Tennessee Advisory Committee on Arson Conference, 18 hours tested, May 2018

Marine Damage Analysis, IAMI National Seminar, March 2017

International Association of Marine Investigators Regional Seminar, 16 hours, October 2016

Hull Identification, IAMI Regional Seminar, October 2016

Fire investigation, IAMI Regional Seminar, October 2016

Ethics and the Fire Investigator, CFITrainer.net, 3 hours tested, February 2016

Residential Electrical Systems CFITrainer.net, 4 hours tested, January 2016,

Tennessee Advisory Committee on Arson Conference, 18 hours tested, May 2015

Marine Fire Scene Investigations, CFITrainer.net, 4 hours tested, January 2015

Process of Elimination, CFITrainer.net; 3 hours tested, January 2015

Investigation of Gas and Electrical Appliance Fires, Fire Findings, April 2014, 30 hours tested

NFPA 921 and 1033 2014 Editions: Revisions Affecting Fire Investigators, CFITrainer.net, 3 hours tested, March 2014

Indiana Fire and Arson Conference, IAAI Indiana Chapter #14, 18 hours tested, August 2013

Testify as an Expert in the Age of Daubert and 921, IAAI National Conference, 3 hours tested, May 2013

Fundamentals of Fire Protection Systems, IAAI National Conference; 2 hours tested, May 2013

Dryer Fires, IAAI National Conference, 2 hours tested, May 2013

Developing and Implementing Fire Investigation Safety Protocols, IAAI Conf., 4 hours tested, May 2013

Overview of Fires Involving Lighting Fixtures, IAAI National Conference; 3 hours tested, May 2013

Forensics Accountant's Role in Fire Investigation, IAAI National Conference; 2 hours tested, May 2013

Investigating of Chemical and Industrial Events, IAAI National Conference; 2 hours tested, May 2013

Effective Use of Social Media in Fire Investigation, IAAI National Conference; 1 hour tested, May 2013

On Scene Narrative Interviews, IAAI National Conference; 2 hours tested, May 2013

Origin Matrix Analysis, IAAI National Conference; 2 hours tested, May 2013

Writing Expert Reports IAAI National Conference; 2 hours tested, May 2013

Fire On Trial, IAAI National Conference; 1 hour tested, May 2013

Electrical Aspects of Fire Investigation; 16 hours tested, Jan, 2013

Fire Scene Documentation: An Evolving Process, IAAI National Conference; 2 hours tested, May 2011

Applied Fire Dynamics, IAAI National Conference; 4 hours tested, May 2011

New Photography Techniques: High Dynamic Range, IAAI National Conference; 2 hours, May 2011

Exhaust Fan Fires, IAAI National Conference; 2 hours tested, May 2011

Low Voltage Ignition Sources, IAAI National Conference; 2 hours tested, May 2011

Vehicle Fires, IAAI National Conference; 4 hours tested, May 2011

Gas Properties and Investigating Gas Appliance Fires, IAAI National Conf.; 4 hours tested, May 2011

Electronic Evidence: What Investigators Need to Know, IAAI National Conf.; 4 hours tested, May 2011

Fireplace and Chimney Fires, IAAI National Conference; 4 hours tested, May 2011

Objectives of Evidence: Forgotten Forensics, IAAI National Conference; 2 hours tested, May 2011

2009 Vehicle Fire Investigations Science and Technology Seminar, National Association of Fire Investigators (NAFI); 32 hours tested, September 2009

Investigation Scene Safety, IAAI – CFITrainer.net; 4 hours tested, December 2008

Insurance and the Fire Investigation, IAAI – CFITrainer.net; 4 hours tested, December 2008

Documenting the Fire Scene, IAAI – CFITrainer.net; 4 hours tested, September 2008

Ventilation-Focused Approach to the Impact of Building Structure and Systems of Fire Development, IAAI – CFITrainer.net; 4 hours tested, September 2008

Digital Photography and Fire Investigations, IAAI – CFITrainer.net; 4 hours, September 2008

Vacant and Abandoned Buildings, IAAI – CFITrainer.net; 4 hours, August 2008

Documenting the Fire Scene, IAAI – CFITrainer.net; 4 hours, September 2008

Physical Evidence at the Fire Scene, IAAI – CFITrainer.net; 4 hours, December 2008

Indiana Fire and Arson Conference, IAAI Indiana Chapter #14; 8 hours, August 2008

Commercial Kitchen Fire Investigation, Phil Ackland Training; 8 hours, May 2008

#### **Education:**

Bachelor of Science, Fire and Safety Engineering Technology, University of Cincinnati, 1996

#### **Affiliations:**

International Association of Arson Investigators (IAAI), Chapters: Indiana  
National Association of Fire Investigators (NAFI)  
National Society of Professional Insurance Investigators (NSPII)

#### **Publications and Presentations:**

Preserving the Fire Scene (2009)

\*\*Litigation CV available upon request.