



## Great Lakes Service Center

**Marc Fennell, IAAI-CFI**

*Special Investigator*

Grand Rapids, Michigan

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### **EMPLOYMENT:**

Unified Investigations & Sciences, Inc.  
Detroit, Michigan  
Special Investigator  
2010 to Present

Ken Shelley Associates  
Kalamazoo, Michigan  
Origin and Cause Investigator  
2008-2010

Grand Rapids Township Fire Department  
Grand Rapids, MI  
Fire Marshal  
2002-2008

Plainfield Township Fire Department  
Grand Rapids, MI  
Firefighter  
2001-2008

Ada Township Fire Department  
Ada, MI  
Firefighter  
1999-2002

## **EMPLOYMENT (CONT)**

Ionia Public Safety Department  
Ionia, MI  
Firefighter  
1994-1999

## **EDUCATION:**

Kalamazoo Valley Community College  
Fire Science Program – 2006

Grand Rapids Community College  
Law Enforcement Program-1993

## **SPECIALIZED TRAINING:**

International Association of Arson Investigators, Preparation for the Marine Fire Scene, 2011 (4 hrs.) (tested)

International Association of Arson Investigators, The Potential Value of Electronic Evidence in Fire Investigations, 2011 (4 hrs) (tested)

International Association of Arson Investigators, A Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire, 2011 (4 hrs) (tested)

International Association of Arson Investigators, Fire Investigator Scene Safety, 2011 (3 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, The Hazwoper Standard, 2011 (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Critical Thinking Solves Cases, 2011 (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, The Fire Investigator & the 2011 NFPA 921 Changes, 2011 (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Postflashover Fires, 2011 (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Physical Evidence at the Fire Scene, 2011 (4 hrs) (tested)

## **SPECIALIZED TRAINING (CONT):**

International Association of Arson Investigators, CFI Trainer, Explosion Dynamics, 2011 (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, DNA, 2011 (3 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Managing Complex Fire Scene Investigations, 2011 (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, How First Responder Impacts Fire Investigation, 2011 (2 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, MagneTek: A Case Study in the Daubert Challenge, 2011 (2 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Search and Seizure, 2011 (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Evidence Examination: What Happens at the Lab, 2010 (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Effective Investigation and Testimony, 2010, (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Electrical Safety, 2010, (3 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Understanding Fire through the Candle Experiments, 2009, (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, 2009, (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Introduction to Evidence, 2009, (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Fire and Explosion Investigations: Utilizing NFPA 1033 and 921, 2009, (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Documenting the Event, 2009, (4 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Arc Mapping Basics, 2009, (4 hrs) (tested)

## **SPECIALIZED TRAINING (CONT):**

Michigan Firefighters Training Council, Hazardous Materials Operations Train the Trainer, 2006 (8 hrs) (tested)

Michigan Firefighters Training Council, Hazardous Materials-Awareness Train the Trainer, 2006 (8 hrs) (tested)

Michigan Chapter of International Association of Arson Investigators, 2006 (30 hrs), (tested)

International Association of Arson Investigators, CFI Trainer, Ethics and the Fire Investigator, 2005, (3 hrs) (tested)

International Association of Arson Investigators, CFI Trainer, Updated 2009- The Scientific Method for Fire and Explosion Investigation, 2005, (3 hrs) (tested)

Michigan Firefighters Training Council, National Response Plan: An Introduction, 2005 (tested)

Michigan Firefighters Training Council NIMS: An Introduction, 2005 (tested)

National Fire Academy (FEMA), Fire/Arson Investigation, (80 hrs) (tested)

City of Grand Rapids Fire Department, High Rise Strategy/Tactics & IMS, 2004 (16 hrs) (tested)

Michigan Fire Inspectors Society, National Fire Protection Association, NFPA Plan Examiner I, 2003 (24 hrs) (tested)

Michigan Fire Inspectors Society, National Fire Protection Association, NFPA Fire Inspectors Course (80 hrs) (tested)

Michigan Firefighters Training Council, Incident Command System, 2003 (tested)

New Mexico Tech University, Incident Response to Terrorist Bombings, 2002 (32 hrs) (tested)

Michigan Firefighters Training Council, Firefighter Health and Safety, 2002, (tested)

Michigan Firefighters Training Council, Leadership III, 2002 (tested)

Michigan Firefighters Training Council, Leadership II, 2002 (tested)

## **SPECIALIZED TRAINING (CONT):**

Michigan Firefighters Training Council, Leadership I, 2002 (tested)

Michigan Firefighters Training Council, Managing Company Tactical Operations-Tactics, 2001, (tested)

Michigan Firefighters Training Council, Wildland Fire Behavior S-190, 2001, (tested)

Michigan Firefighters Training Council, Building Construction: Noncombustible, 2001 (tested)

Michigan Firefighters Training Council, Introduction to Fire Inspections Principles and Practices, 2001 (tested)

Michigan Propane Gas Association, Handling Gas Emergencies, 2000, (4 hours) (tested)

Michigan Firefighters Training Council, Building Construction: Principles, 2000 (tested)

Michigan Firefighters Training Council, Firefighter Safety and Survival, 2000 (tested)

Michigan Firefighters Training Council, Instructional Techniques for Comp. Officer, 2000 (tested)

Michigan Firefighters Training Council, Fire Service-Team, 2000 (tested)

Michigan Firefighters Training Council, Fire Service Supervision-Personal, 2000, (tested)

Michigan Firefighters Training Council, Managing Comp. Tactical Operations-Decision, 2000 (tested)

Michigan Firefighters Training Council, Records and Reports, 2000, (tested)

Michigan Firefighters Training Council, Educational Methodology, 2000 (tested)

Michigan Firefighters Training Council, IFSTA Instructor Orientation, 2000, (tested)

Michigan Firefighters Training Council, Arson Detection for the First Responder, 2000 (tested)

Michigan Firefighters Training Council, Managing Co. Tactical Operations-Preparing, 1999 (tested)

Michigan Firefighters Training Council, Incident Command System, 1999 (tested)

## **SPECIALIZED TRAINING (CONT):**

Michigan State Police, Terrorism Awareness for First Responders, 1999, (tested)

Michigan Firefighters Training Council, Firefighter II, 1995 (240 hrs.) (tested)

Michigan State Police, Hazardous Materials Operations, 1994, (tested)

Michigan Firefighters Training Council, Firefighter I, 1994 (240 hrs) (tested)

## **PROFESSIONAL ORGANIZATIONS:**

National Association of Fire Investigators (NAFI)

International Association of Arson Investigators (IAAI)

Michigan Chapter of IAAI

## **CERTIFICATIONS:**

Michigan Firefighters Training Council, Certified Fire Officer I (2000) (40 hrs)

Michigan Firefighters Training Council, Certified Fire Officer II (2001) (40 hrs)

Michigan Firefighters Training Council, Certified Instructor-Firefighter I&II, Hazardous Materials Awareness and Operations (2002)

Homeland Security Terrorist Bombing Incident Response Instructor (2002)

Michigan Firefighters Training Council, Certified Fire Officer III (2004) (20 hrs)

State of Michigan Certified Fire Inspector (renew in 2011)

National Association of Fire Investigators, Certified Fire and Explosion Investigator, # 13738-7723 (renew in 2014)

International Association of Arson Investigators – Certified Fire Investigator # 122817 - (renew 2017)

## **EXPERIENCE:**

Mr. Fennell has several hundred hours of classroom fire investigation training extending over his nearly 16 years of experience in the private and public sector of the fire service, along with over five years of experience in law enforcement. He has investigated and/or supervised over a thousand fire and explosion incidents for the Grand Rapids Township Fire Department and his former employments. These investigations have involved product liability and subrogation issues, multimillion dollar losses and those with fatalities and serious bodily injury.

## **GUEST INSTRUCTOR:**

Mr. Fennell has instructed several programs throughout the State of Michigan with various fire departments, firefighter recruit academies, Colleges/Universities, Property Insurance Adjusters and Subrogation groups on Origin and Cause Investigation, Detection of Arson and Accidental Fires, Interviewing Techniques and Subrogation for the Cause and Origin Fire Investigator.

## **EXPERT TESTIMONY/DEPOSITIONS**

Grand Traverse County, Origin and Cause Expert Testimony, October 8, 2009

Deposition, Kalamazoo County, Origin and Cause Expert Testimony, May 2010

Deposition, State Bar of Michigan, Lansing, MI. Origin and Cause Expert Testimony, September 30, 2010.