



Unified

Investigations & Sciences, Inc.



Great Lakes Service Center

Michael R. Roarty, IAAI-CFI CFEI

Senior Investigator

Macomb, Michigan

(586) 945-4756

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EDUCATION:

Siena Heights University
Adrian, Michigan
Bachelors Degree, Fire Protection Technology
Honors Graduate

CS Mott Community College
Flint, Michigan
Associates Degree, Fire Protection Technology

EMPLOYMENT:

Unified Investigations & Sciences
Detroit, Michigan
Senior Investigator
October 06-Present

Crawford Investigation Services
Fire & Forensic Unit
Special Investigator
2002-2006

Roseville Fire Department
Roseville, Michigan
Fire Fighter/Paramedic
1994-2009

Center Line Public Safety Department
Center Line, Michigan
Public Safety Officer
1991-1994

EMPLOYMENT (CON'T):

Wayne County Sheriff Department
Detroit, Michigan
Deputy Sheriff
1988-1991

SPECIALIZED TRAINING:

- IAAI Michigan Chapter, Tustin, MI, Court Room Testimony Facilitation, April 2011
- IAAI Michigan Chapter, Mt. Pleasant, MI, Annual Arson School, May 2011, 24 Hours (Tested)
- IAAI Michigan Chapter, Mt. Pleasant, MI, Fire Investigator Scene Safety, 3 Hours (Tested)
- IAAI Michigan Chapter, Mount Pleasant, MI, Fire Arson School, May 2010 40 Hours (Tested)
- M.A.P.C., Juvenile Arson, Mt Pleasant, MI, May 2010, 16 Hours (Not Tested)
- IAAI CFI Trainer, August 2010 Effective Investigation & Testimony 3.0 Hrs (Tested)
- IAAI, CFI Trainer August 2010 Utilizing NFPA 921 & 1033 3.0 Hours (Tested)
- IAAI, CFI Trainer August 2010 The Scientific Method for Fire & Explosion Investigation, 3.0 Hours (Tested)
- Reid School of Interview & Interrogation, Atlanta GA 2007, 32 Hrs (Tested)
- Michigan State Police, Follow-Up Fire Investigation Training, 40 Hrs (Tested)
- Public Agency Training Council, Fire Pattern Analysis/Certification, 40 Hours (Tested)
- Michigan Chapter IAAI, Michigan Arson School, 2002
- Michigan Chapter IAAI, Michigan Arson School, 2001
- IAAI-Fire Investigation School, Atlantic City, NJ, 2001
- IAAI-Fire Investigation School, Grand Rapids, MI, 2000
- Michigan Chapter-IAAI, Michigan Arson School, 1999
- IAAI Fire Investigation School, Las Vegas, NV, 1999

SPECIALIZED TRAINING (CON'T):

- Michigan Chapter IAAI, Michigan Arson School, 1999
- IAAI Fire Investigation School, Portland, OR, 1998
- Michigan Chapter IAAI, Michigan Arson School, 1998
- Michigan Chapter IAAI, Michigan Arson School, 1997
- Michigan State Police, Advanced Fire Investigation, 40 Hours (Tested)
- Michigan Chapter IAAI, Michigan Arson School, 1996
- Michigan Chapter IAAI, Michigan Arson School, 1995
- Michigan Chapter IAAI, Michigan Arson School, 1994
- National Fire Academy, Fire Inspection Principles, Emmitsburg, MD, 1992
- National Fire Academy, Fire Arson Investigation, Emmitsburg, MD, 1990
- Michigan State Police, Basic Fire Investigation, Tustin, MI, 80 Hours
- Michigan Fire Fighters Training Council Fire Fighter I-II, Flint, MI, 1985

EXPERIENCE: Over 1500 hours of classroom fire investigation training extending over his nearly 22 years of experience as a fire origin and cause investigator, working within both the fire and law enforcement communities.

Mr. Roarty has investigated over one thousand - five hundred fire and explosion incidents throughout the United States. These investigations have involved serious injuries, fatalities, product liability/subrogation issues, and multi-million dollar losses.

**PROFESSIONAL
ORGANIZATIONS:**

Michigan Chapter IAAI-Past President/Life Member
National Association of Fire Investigators
International Association of Arson Investigators IAAI
Michigan Arson Prevention Committee
Michigan Municipal League
International Association of Special Investigation Units-Michigan Chapter

**COURT
QUALIFICATIONS:**

Expert in fire origin & cause
Michigan District and Circuit Courts & US District Court

CERTIFICATIONS:

Certified Fire Investigator (IAAI-CFI)
International Association of Fire Investigators
Certified Fire & Explosion Investigator (CFEI) National Association of Fire Investigators
State of Michigan Certified Fire Inspector
Michigan State Fire Marshal
State of Michigan Certified Paramedic
State Board of Health

GUEST LECTURER/INSTRUCTOR:

Mr. Roarty has instructed several programs throughout the United States on Origin and Cause Investigation and the Detection of Arson and Suspicious Fires. Mr. Roarty is an adjunct instructor for Macomb Community College in Mt. Clemens, MI and has taught at St. Clair County Community College in Port Huron, MI. Mr. Roarty has also instructed several times with the Michigan Chapter IAAI and is a staff instructor for the Michigan State Police Fire Investigation Unit. The following are some of the other organizations where Mr. Roarty has instructed.

Farmers Insurance, Chino, California
Nationwide Insurance, Troy, Michigan
MEEMIC Insurance, Auburn Hills, MI
Michigan State Police-Fire Investigation Unit (Staff Instructor)

GUEST LECTURER/INSTRUCTOR (CON'T):

Michigan Chapter IAAI
Michigan Arson Prevention Committee
University of Michigan Trauma Burn Center
Instructor/Facilitator IAAI Expert Witness/Court Room Testimony Program, December 2010
Wichita KS