



**Unified**  
Investigations & Sciences, Inc.



## **WESTERN SERVICE CENTER**

**James D. McCarthy, IAAI-CFI**  
*Special Investigator*

Phoenix, Arizona  
480-245-9865  
jmccarthy@uis-usa.com

### **EDUCATION:**

Maricopa County Community College  
Tempe, Arizona

Grand Canyon University  
Phoenix, Arizona

### **EMPLOYMENT:**

Maricopa County Sheriff's Office  
Phoenix, Arizona  
Deputy Sheriff/ Detective/ Senior Detective/ Fire/Arson  
Investigations  
June 1988 to October 2011

Goodyear Aerospace  
Goodyear, Arizona  
July 1985 to June 1988

La Paz County Sheriff's Office  
Parker, Arizona  
Deputy Sheriff/ Sergeant/ County Jail & Communications  
Supervisor  
January 1983 to June 1985

## **EMPLOYMENT (Continued):**

Tempe Police Department  
Tempe, Arizona  
Patrolman/ Senior Patrolman  
November 1979 to December 1982

U.S. Army  
Military Police  
1975-1979

## **SPECIALIZED TRAINING:**

- 26th Annual Advanced Seminar, Arizona Chapter, International Association of Arson Investigators, July 2011, 20 hours - Tested
- Daubert Seminar, Arizona Chapter International Association of Arson Investigators, February 2011, 7.5 hours - Tested
- Forensic Evidence Collection / Processing, Arizona Chapter International Association of Arson Investigators, April 2010, 8 hours - Tested
- 2010 Natural Gas Seminar, Arizona Chapter International Association of Arson Investigators/Southwest Gas, February 2010, 8 hours – Tested
- FI210 Wild land Fire O&C, National Wildfire Coordinating Group, May 2009, 40 hours - Tested
- NFPA 921 2008 Update, Arizona Chapter International Association of Arson Investigators, November 2008, 8 hours - Tested
- 22nd Annual Advanced Fire/Arson, Arizona Chapter International Association of Arson Investigators, July 2007, 20 hours - Tested
- Accelerant Canine Recertification, Bureau of Alcohol Tobacco and Firearms, April 2007, 32 hours - Tested
- Kirks Fire Investigations 6th Edition, Arizona Chapter International Association of Arson Investigators, March 2007, 8 hours - Tested
- Arson Case Management, Public Agency Training Council, November 2006, 24 hours – Tested

## **SPECIALIZED TRAINING (Continued):**

- Ethics & the Fire Investigator, Arizona Chapter, International Association of Arson Investigators, July 2006, 3 hours - Tested
- International Association of Arson Investigators, Arizona Chapter Conference July 2006, 4 hours - Tested
- Accelerant Canine Recertification, Bureau of Alcohol Tobacco and Firearms July 2006, 32 hours – Tested
- Accelerant Canine Recertification, Bureau of Alcohol Tobacco and Firearms April 2006, 26 hours - Tested
- Post Blast Explosive Investigations, Bureau of Alcohol, Tobacco and Firearms/ Glendale Police Department, February 2006, 40 hours - Tested
- 20th Annual Advanced Fire/Arson, Arizona Chapter International Association of Arson Investigators, July 2005, 20 hours - Tested
- Accelerant Canine Recertification, Bureau of Alcohol Tobacco and Firearms, May 2005, 40 hours - Tested
- NFPA 921 2004 Update, Arizona Chapter, International Association of Arson Investigators, February 2005, 8 hours - Tested
- Wild land Fire Investigations FI-110, National Forest Service, February 2005, 8 hours - Tested
- Introduction to Fire Dynamics, Arizona Chapter, Advanced Fire Scene Reconstruction and Documentation, Arizona Chapter International Association of Arson Investigators, January 2005, 8 hours – Tested
- Accelerant Canine Recertification. Bureau of Alcohol Tobacco and Firearms April 2004, 40 hours – Tested
- Introduction to Arson Investigation, Maricopa County Sheriff's Office, October 2003, 4 hours - Tested
- Accelerant Canine Handler Team Training Academy, Bureau of Alcohol Tobacco and Firearms, March 2003, 200 hours – Tested
- International Association of Arson Investigators 53rd Annual Conference Seminar Training, International Association of Arson Investigators, May 2002,

## **SPECIALIZED TRAINING (Continued):**

- 32 hours Fire Arson Investigations IV, Arizona Chapter International Association of Arson Investigators, April 2002, 40 hours – Tested
- Fire Arson Investigations III, Arizona Chapter International Association of Arson Investigators, October 2001, 40 hours – Tested
- Fatality Fire Investigations, Public Agency Training Council, September 2001, 20 hours - Tested
- NFPA 921 2001 Update, Arizona Chapter International Association of Arson Investigators, August 2001, 8 hours – Tested
- Hazardous Materials 1st Responders, Arizona State Fire Training School, July 2001, 8 hours – Tested
- Fire Arson Investigations II, Arizona Chapter International Association of Arson Investigators, April 2001, 40 hours - Tested
- Fire Arson Investigations I, Arizona Chapter International Association of Arson Investigators, October 2000, 40 hours – Tested
- Advanced Reid Interrogation Techniques, Reid Institute, July 2000, 16 hours - Tested
- Arson Investigations, National Fire Academy, November 1999, 80 hours – Tested
- Intermediate Fire/Arson Investigation, Arizona State Fire Training School, September 1999, 40 hours – Tested
- Fire/Arson Criminal Investigations, Arizona Chapter International Association of Arson Investigators, February 1999, 20 hours
- Evidence Photography School, Arizona Identification Council, January 1999, 16 hours
- Homicide Investigations Seminar, Hocking College Phoenix Arizona, November 1998, 40 hours – Tested
- The Reid Technique of Interview and Interrogation, Reid Institute, October 1998, 24 hours - Tested
- Forensic Medical Investigations, Maricopa County Medical Examiner's Office, June 1998, 26 hours – Tested

## **SPECIALIZED TRAINING (Continued):**

- General Instructor, Arizona Peace Officer Standards and Training, January 1991, 40 hours - Tested
- Arizona Law Enforcement Officers Academic Council / General Instructor School, Maricopa County Sheriff's Office, January 1991, 40 hours – Tested
- Hazardous Materials Training, Arizona Division Emergency Services, July 1989, 24 hours – Tested
- Interview / Interrogation Behavioral Analysis, Maricopa County Sheriff's Office, March 1989, 8 hours - Tested
- Arizona Law Enforcement Officers Academy, Maricopa County Sheriff's Office, November 1988, 585 hours – Tested
- Arizona Law Enforcement Officers Academy, Tempe Police Department, April 1980, 720 hours - Tested

## **EXPERIENCE:**

Thirteen years experience as a fire investigator

Retired as senior/acting supervising investigator

Conducted over 300 origin and cause investigations

2003 Awarded Investigator of the Year by  
International Association of Arson Investigators

Qualified in Arizona State Superior Court as an  
Origin and Cause Expert

## **CERTIFICATIONS:**

Certified Fire Investigator (IAAI-CFI) - International  
Association of Arson Investigators,  
Certification # 28-047, July 2007 to Present

Pro Board National Board on Fire Service Professional  
Qualifications July 2007

## **ORGANIZATIONS:**

Maricopa County Fire Investigation Task Force  
1999 – 2011, Member, past Secretary & Chairman

**ORGANIZATIONS (Continued):**

International Association of Arson Investigators,  
Arizona Chapter

**COURT QUALIFICATIONS:**

Mr. McCarthy has qualified and testified as an expert witness for origin and cause of fires in Arizona State Courts.

**INSTRUCTOR:**

Basic Arson Investigations  
Maricopa County Sheriff's Office Advanced Training  
2005-2009, 40 hours

Arizona State Basic Criminal Law I & II  
Maricopa County Sheriff's Office Basic Academy  
2000-2008, 920 hours

Basic Fire Investigations First Responders  
Maricopa County Sheriff's Office Basic Academy  
2000-2009, 96 hours