

CURRICULUM VITAE Matthew J. Wilke, CFI

EMPLOYMENT:

Bismarck Fire Department - Captain

Responsibilities include:

- Conducting fire/ explosion investigations
- Conducting quarterly training for department investigation team
- Moderating case studies within the department
- Fire Safety Inspections
- Company commander

Fire Cause Analysis – Fire investigator

Responsibilities include:

- Conducting fire and explosion investigations
- Determination of origin and cause
- Collaboration with Hal C. Lyson, CFI
 - NFPA 921 Presentations
 - Large loss case management

SOME NOTED TRAINING RELATING TO FIRE INVESTIGATIONS:

CFI Trainer.net:

Analysis of Station Nightclub Fire

Arc Mapping Basics

Basic Electricity

Building Structures Ventilation

Candle Experiments

Charleston Sofa Super Store Fire

Fire Investigator Scene Safety

How First Responders Impact The Fire Investigation

Insurance and the Fire Investigation

Intro to Evidence

Intro to Fire Dynamics and Modeling

Investigating Motor Vehicle Fires

OFFICES:

California
Arizona
Oregon
Nevada
N.Dakota

935 PARDEE STREET
BERKELEY, CA.
94710-2623 USA
800.726.5939
www.fcafire.com

Complex Fire Scene Investigations	MagneTek: A Case Study in the Daubert Challenge
Critical Thinking Solves Cases	Physical Evidence at the Fire Scene
Digital Photography & the Fire Investigator	Report Writing
Documenting the Event	Residential Electrical Systems
Electrical Safety	Scientific Method for Fire and Explosion Investigation
Ethics and the Fire Investigator	Search and Seizure
Explosion Dynamics	The Deposition Part 1 & 2
Fatal Fires	The Fire Investigator & the 2011 NFPA 921 Changes

North Dakota IAAI Annual Investigative Conference:

- 2015 17th Annual Fire Investigative Conference NDIAAI – 20 tested hrs Scene Fire Behavior & Dynamics/ Residential Electrical & Gas Systems
Crude by Rail/ Fatal Fires
- 2014 16th Annual Fire Investigative Conference NDIAAI – 20 tested hrs Scene Complex Arson Investigation/ Effects of Multiple Ventilation openings- Post Flashover Compartment Fires/ Fire Dynamics
- 2012 14th Annual Fire Investigative Conference NDIAAI – 20 tested hrs Scene Documentation, conducting interviews, building construction
- 2011 13th Annual Fire Investigative Conference NDIAAI – 20 tested hrs Advanced Fire Investigation Techniques
- 2009 11th Annual Fire Investigative Conference NDIAAI - 20 tested hrs Advanced Fire Investigation Techniques
- 2008 10th Annual Fire Investigative Conference NDIAAI – 20 tested hrs Basic Fire Investigation Techniques
- 2007 9th Annual Fire Investigative Conference NDIAAI – 20 tested hrs Courtroom Testimony
- 2006 8th Annual Fire Investigative Conference NDIAAI - 20 tested hrs Vehicle Fire Investigative Techniques
- 2003 5th Annual Fire Investigative Conference NDIAAI – 20 tested hrs Fire Investigation Techniques
- 2001 3rd Annual Fire Investigative Conference NDIAAI – 20 tested hrs Fire Investigation Techniques

Other:

- 9/ 11/ 15 Presented 8 hrs at the NDIAAI Conference – Fire Dynamics
- 10/ 7/ 14 Presented “Live Training Burn” workshop with live burn & discussion on fire development, fire patterns and determining the cause
- 2-2014 Basic Electricity and the Fire Scene by Hal Lyson and John White / FCA

9/ 16/ 11 Identifying the Source & Fire Debris Analysis – From the Laboratory to the Final Report - Armstrong Forensic Laboratory, Inc.
7/ 24/ 09 Successfully tested and passed the International Association of Arson Investigators examination to become Certified Fire Investigator (CFI)
2/ 22/ 97 Arson Detection for the First Responder
1985-1989 Bachelor Degree in Communications – University of Mary

EMPLOYMENT HISTORY:

11/ 2013 to present Fire Investigator with Fire Cause Analysis
2001 to present Captain Bismarck Fire Department
2000 to present Bismarck Fire Dept Investigation team
1996 to 2001 Firefighter Bismarck Fire Department

PROFESSIONAL ASSOCIATIONS INCLUDE:

2002 to present International Association Arson Investigators member
2001 to present ND International Association Arson Investigators member

COURTROOM TESTIMONY:

2/ 15/ 15 United States vs Anthony DeGroot – Cause and Origin Expert
9/ 07 NDIAAI Courtroom Testimony class

PROFESSIONAL EXPERIENCE:

2009 Successfully tested and passed the International Association of Arson Investigators examination to become Certified Fire Investigator (CFI)
2001 Promoted to Fire Captain with Bismarck Fire Department
2000 to present Lead investigator and author of over 100 fire investigation reports
Participated in hundreds of fire investigations as FI team member
1998 to 2000 Tested to Firefighter 1 & Firefighter 2 certification
(North Dakota State Fire Association)
1999 Department of Labor Certified Fire Medic