

TIMOTHY M. WILHELM, CFEI, CVFI
Fire & Explosion Investigator

PROFESSIONAL EXPERIENCE

- 2001 to present **Robson Forensic, Inc.**
Associate
Conduct fire investigations to locate origin and make initial determination of cause. Provide technical support to resolve questions related to fire department operations and personnel. Conduct administrative and technical review of fire investigation reports. Provide testimony on the proper use of the scientific method in fire and explosion investigations.
- 1978 to 2011 **City of Erie Fire Department**
Driver/Operator 2004-2011
Responsible for the safe operation of apparatus responding to and returning from emergency situations, responsible for water management and delivery at fire scenes, responsible for the set up and operation of aerial devices at fire scenes.
Fire Inspector; Investigator (Fire Prevention Specialist II) 1998-2004
Conduct fire investigations to determine cause and origin. Conduct fire safety inspections in commercial buildings. Work with code agencies; assist with code interpretation for building construction. Provide lectures and seminars to nursing homes, schools, and other civic groups. Conduct fire extinguisher training.
Fire Fighter 1978-1984 and 1985-1998
Responsible for fire suppression and emergency rescue as well as prevention, disaster preparedness and non-emergency resolution. Performed specific project and program assignments relative to fire suppression, fire training, hazardous materials, fire prevention, paramedic services, and water rescue.
- 1987 to 1997 **Wilhelm Transfer Service**
Owner/Operator
Responsible for transfer and care of human remains and warehouse operation for caskets.
- 1974 to 1976 **United States Air Force**
Airman First Class
Strategic Air Command, Minuteman Missile Security, Honorable Discharge

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PROFESSIONAL CREDENTIALS

NAFI Certified Fire and Explosion Investigator
NAFI Certified Vehicle Fire Investigator
National Board on Fire Service Professional Qualifications: NFPA 1033, Fire Investigator
National Board on Fire Service Professional Qualifications: NFPA 1041, Fire Instructor I
Commonwealth of Pennsylvania Certified Fire Investigator
Commonwealth of Pennsylvania Certified Fire Instructor
Commonwealth of Pennsylvania Certified Vehicle Rescue Technician

PROFESSIONAL MEMBERSHIPS

National Association of Fire Investigators
National Fire Prevention Association
International Association of Fire Fighters (Retired)
Pennsylvania Association of Arson Investigators
National Fire Academy Alumni Association

TRAINING

National Association of Fire Investigators, International (NAFI), Advanced Fire, Arson and Explosion Investigation Training Program, 28Hours, 7/15/19- 7/19/19
Public Agency Training Council (PATC), Arson Case Management, 8/29/18 – 8/31/18
Defense Research Institute (DRI) – Fire Science and Litigation – 9/13/18 – 9/14/18
Defense Research Institute (DRI), Fire Science and Litigation Seminar, 11/17/16
Public Agency Training Council, Fire Pattern Certification, 20 hours (Tested), 3/9/16 – 3/11/16
Defense Research Institute (DRI), Fire Science and Litigation Seminar, 11/06/14
PA Association of Arson Investigators: NFPA 1033, Trial Prep, Cell Phones & Investigation 101, 6/9/14-6/13/14
National Society of Professional Insurance Investigators, 2013 Advanced Insurance Fraud Seminar, 11/11/13-11/12/13
Fire Findings, LLC, Investigation of Gas and Electric Appliance Fires (tested), 4/16/13-4/19/13
2013 Ohio Joint Insurance Fraud Seminar, 3/13/13
Defense Research Institute (DRI), Fire Science and Litigation Seminar, 1/24/13
National Association of Subrogation Professionals (NASP) - Investigation of Vehicle Defects and Fires, 6/27/12
National Association of Subrogation Professionals (NASP) – Introduction to Metro-Tomography, CT Analysis of Fire Artifacts, 6/26/12
National Association of Subrogation Professionals (NASP) – Corrugated Stainless Steel Tubing (CSST) and Fire Spread Claims, 2/23/12

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National Association of Subrogation Professionals (NASP) – Commercial Kitchen Fires, 01/09/12
PA Association of Arson Investigators, Appliance Related Fire and Failure Investigation, 01/22/11
Mercyhurst College, Public Safety Institute, Hazmat OPS Refresher, 09/28/10
Public Agency Training Council, Hands on Vehicle Fire/Arson Investigation, 04/21/10
Mercyhurst College, HAZMAT Awareness 472, 03/25/10
Mercyhurst College, Structural Burn – Live Fire, 04/01/09
Bucks County College, Hazardous Materials Operations, 09/11/08
Pennsylvania State Fire Academy, Arson Awareness, 05/10/08
Simplex – Grinnell, Alarm & Suppression Systems, 04/03/08
PA State Fire Academy, Operations Level Hazmat, 08/14/07
Center for Public Safety Mercyhurst College Emergency Vehicle Driver Training, 05/01/07
PA State Fire Academy, Pump Operations II, 10/26/06
PA State Fire Academy, Pump Operations I, 09/28/06
PA State Certified Vehicle Rescue Technician, 06/07/06
PA State Fire Academy, Basic Vehicle Rescue: Technician, 04/03/06
PA State Fire Academy, Basic Vehicle Rescue: Operations, 11/10/05
PA State Fire Academy, Basic Vehicle Rescue: Awareness, 10/13/05
National Fire Academy, Rapid Intervention Techniques for Municipal Departments, 09/27/05
PA State Police, Clandestine Methamphetamine Labs, 07/21/05
Erie Fire Department In-House, NIMS IS-200, 05/18/05
Erie Fire Department In-House, NIMS IS-100, 05/06/05
National Fire Academy, Incident Safety Officer, 03/31/05
Erie Fire Department In-House, BLS Protocols, 03/15/05
CPR/AED Recertification, 03/03/05
Erie Fire Department In-House, NIMS IS-700, 01/10/05
Erie Fire Department In-House, EVOG Driving Course, 11/03/04
National Fuel Gas, Natural Gas Emergencies, 10/30/04
Erie Fire Department In-House, EVOG Lecture, 10/18/04
PA State Fire Academy, Basic Rigging for Rope Rescue, 09/16/04
Erie Fire Department In-House, EMS Aircraft Rescue, 07/26/04
PA State Police, Clandestine Methamphetamine Labs, 02/09/04
Hazmat Awareness and Operations, 01/12/04
United States Fire Administration, Grant Program Administration, 12/12/03
National Fire Academy, Interviewing/Interrogation Techniques & Courtroom Testimony, 07/18/03
Promoted to Fire Prevention Specialist II, Erie Fire Department, 05/01/03
CPR/AED Recertification, 04/23/03
Erie Fire Department In-House, Lifting and Moving Critically Injured, 05/21/02
National Fire Academy, Arson and Fire Investigation, 03/22/02
Erie Fire Department In-House, CO Emergencies, 11/14/01
Erie Fire Department In-House, EMS Documentation, 11/14/01

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PA Association of Arson Investigators, Annual Seminar NFPA 921 (tested), 06/15/01
National Fire Academy, Plans Review for Inspectors, 06/01/01
PA Association of Arson Investigators, NFPA. 921 Session 2 (tested), 04/28/01
PA Association of Arson Investigators, NFPA 921 Session 1 (tested), 02/24/01
Promoted to Fire Prevention Specialist I, Erie Fire Department, 01/01/01
PA State Fire Academy, Educational Methodology, 11/17/00
PA. State Certified Fire Instructor I, 11/17/00
National Board on Fire Service Professional Qualifications, Fire Instructor I, NFPA 1041,
11/17/00
National Fire Academy, Prin. of Fire Protection – Structures and Systems, 11/03/00
PA State Certified Fire Investigator, 01/24/00
National Board on Fire Service Professional Qualifications, Fire Investigator, NFPA
1033, 01/24/00
National Fire Academy, Fire Inspection Principles, 12/17/99
National Fire Academy, Building Construction – Non-Combustible, 11/04/99
National Fire Academy, Building Construction – Wood & Ordinary, 11/02/99
Wicklander-Zulawski, Field Interviewing, 09/14/99
PA State Fire Academy, Fire & Arson Investigation – Electrical II, 09/10/99
ADT, NICET Level II Alarm Systems, 08/13/99
PA State Fire Academy, Fire & Arson Investigation – Electrical I, 02/05/99
PA State Fire Academy, Advanced Arson Det. & Fire Investigation, 11/06/98
PA State Fire Academy, Arson Detection & Fire Investigation, 04/24/98
National Fire Academy, Emergency Response to Terrorism, 02/27/98

PRESENTATIONS

Old and New Hazards and Managing Risk in the Marcellus Shale Era, West Virginia
Association of Justice, October 5, 2018

Global Conference on Safety and Security Solutions in Travel; A Global Survey of
Hospitality Fires, Mitigating Them and Reacting to Them, HospitalityLawyers.com,
2011

Property Coverage and Risk Seminar; Fire Investigations, A Closer Look, CEU Institute,
2011