

CURRICULUM VITAE
JON SPEZZACATENA
IAAI-CFI

Professional Experience

- **Certified Fire Investigator**, Fire Cause Analysis **July 2013 to present**
 - Determine the origin and cause of fires and explosions. Document fire and explosion scenes, collect evidence, and compose fire reports.

- **Special Investigator**, Unified Fire Investigations **Sept 2010 to July 2013**
 - Responsible for collecting and packaging pieces of evidence in securely closed containers such as bags, crates, or boxes, in order to protect them.
 - Examine fire scenes and collect evidence such as glass, metal fragments, charred wood, and ignitable liquid residue for use in determining the cause of a fire.
 - Analyze evidence and other information to determine probable cause of fire or explosion.
 - Photograph damage and evidence related to causes of fires or explosions in order to document investigation findings.

- **Fire Captain**, Ak-Chin Fire Department, Maricopa, AZ **May 2011 to Present**
 - Responsible for the day to day operations of the fire crews on emergency responses and the daily activities of the fire crews.

- **Fire Marshal**, Queen Creek Fire Department, Queen Creek, AZ **January 2008 to 2011**
 - Responsible for all aspects of fire prevention, including: Fire inspections, code enforcement, fire investigations, public education, plans review, writing of the codes and standards.

FIRE INVESTIGATION - FORENSICS - FIRE SCIENCE & ENGINEERING

ANSWERS FROM ASHES™

Serving Clients Nationwide

Offices: Arizona, California, Idaho, Minnesota, Nevada, North Dakota,
Oregon, South Dakota, Washington

Corporate Office
935 Pardee St
Berkeley, CA 94710
800.726.5939
www.fcfire.com

- **Fire Captain/Assistant Fire Marshal**, Rural/Metro Fire Department, Maricopa County, AZ
July 2000 to January 2008
 - Assigned to the fire prevention bureau as an Assistant Fire Marshal.
 - The lead fire investigator for our department.
 - Responsible for all aspects of fire prevention which include: plans review ranging from single family residential to commercial, fire sprinklers, fire alarms, propane tank installation, fire hydrant civil plans and commercial hood systems.
 - Perform occupancy inspections in both new and existing buildings, and code enforcement.
 - Responsible for issuing permits for tents, fireworks, hazardous materials and all other permits required by the fire code.
 - Assist in the writing of our codes, policies and interpretations.
 - Performed the following on an “as needed” basis within the department:
 - Battalion Chief on the suppression side of our department
 - Public Information Officer
 - Fire Marshal
 - Captain on an engine
 - Training Captain (one year)
- **Deputy Fire Marshal**, Rural/Metro Fire Department, Scottsdale, AZ. June 1999 to July 2000
 - The responsibilities for this position included being in charge of the South District of Scottsdale with all relations to Fire Prevention, fire inspections on new and existing buildings, fire code enforcement, occupancy inspections and enforcement, fire sprinkler inspections, and fire origin and cause determination.
 - This position entailed being Shift Deputy Fire Marshal from 0800 to 1700 where I was in the field doing inspections. After 1700 I was a Captain on an engine.

Education

- **Associate of Arts, Fire Science**, Pima Community College, Tucson, AZ
- **Certification, Para-medicine**, Arizona Emergency Medical Research Center, Tucson, AZ
- **Bachelors of Science, Fire Administration**, Columbia Southern University

Professional Designations and Certifications

- **Paramedic Certifications**

jon.spez@fcfire.com

(C) 480.540.0282

2143 W. Peninsula Circle, Chandler AZ. 85248

J Spezz CV 11/2021

- State of Arizona Certified Emergency Paramedic National Registry of EMT-P Certification Basic and Advanced Life Support Pediatric
- Advanced Life Support American Academy of Pediatrics PEPP
- **State of Arizona Certifications**
 - FireFighter I, II, III
 - Fire Instructor I, II
 - Rope Rescue I, II, III
 - Confined Space Rescue I, II
 - Fire Inspector I, II
 - Leadership I, II, III
 - First Responder Haz-Mat, S-130-190
 - S-330 Wildland Fire and Cause Determination
 - Wildland Fire Investigation Basic Fire Investigation
 - Public Educator I, II
 - Incident Safety Officer
 - Introduction to Fire Sprinklers Managing Fire Department Tactics
- **International Association of Arson Investigators Certifications**
 - Certified Fire Investigator, certification number: 28-071516
 - Arson I-IV
 - **International Code Council Classes and Certifications**
 - 2003 IFC Flammable & Combustible Liquids, 2003 IBC Solving
 - Means of Egress in Commercial Buildings, IBC Special Uses and
 - Mixed Occupancy Buildings, Residential Sprinkler Plan Review,
 - Commercial Sprinkler Plan Review, Uniformed Fire Code
 - Inspector – IFCI, Fire Inspector II –IFC
 - **Pro-Board Certifications**
 - Fire Investigator
 - Fire Officer I

- Fire Officer II
- Fire Inspector I
- Fire Inspector II
- Fire Instructor I
- Fire Instructor II

Professional Associations

- President and Vice President of the Arizona Association of Arson Investigators
- President of Maricopa County Arson Investigators
- International Associations of Firefighters
- Arizona Fire Marshals Association
- Arizona Fire Chiefs Association
- Drowning Prevention Coalition of Arizona
- National Association of Fire Protection
- International Code Council

Deposition and Trial Testimony

- CV-2017-011033 Allstate Insurance Company v. Arizona Public Service Company

Professional Development

- 2021 NFPA 921 updates, Arizona Chapter IAAI (AZ-IAAI)
- 2021 NFPA 921 Chapter 8 - Active Fire Protection Systems
- 2020 Advanced Fire Class, AZ-IAAI
- 2020 - 2021 Instruction and mentoring at the AZ-IAAI Arson I - IV Program
- 2019 A Culture Change Initiative: Improving the Health and Safety of Fire Investigators, IAAI International Training Conference (IAAI-ITC)
- 2019 Flame Jetting Awareness and Investigative Challenges, IAAI-ITC
- 2019 Marine Surveying for Fire Investigators, IAAI-ITC
- 2019 Patterns of Heat Flow and Melted Conductors, IAAI-ITC
- 2019 The Impact of Ventilation on Fire Patterns in Full-Scale Structures, IAAI-ITC
- 2019 Vehicle - Electrical Systems & Hot Surface Ignition Heat Sources, IAAI-ITC
- 2018 IAAI International Training Conference

jon.spezz@fcfire.com

(C) 480.540.0282

2143 W. Peninsula Circle, Chandler AZ. 85248

J Spezz CV 11/2021

- 2018 Advanced Fire Class, AZ-IAAI
- 2017 Basic Electricity and Fire, AZ-IAAI
- 2014 IAAI International Training Conference General
- 2013 IAAI International Training Conference General
- Arc Mapping Basics, AZ-IAAI
- Managing Complex Fire Scene Investigations
- The Impact of Ventilation in Building Structures on Fire Development
- Basic Electricity, CFI Trainer
- Electrical Safety, CFI Trainer
- Fire Investigator Scene Safety, CFI Trainer
- Fire Protection Systems, CFI Trainer
- Fundamentals of Residential Building Construction, CFI Trainer
- Investigating Motor Vehicle Fires, CFI Trainer
- Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, CFI Trainer
- Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, CFI Trainer
- The Scientific Method for Fire and Explosion Investigation, CFI Trainer
- NFPA 921 Expert Witness Testimony
- Natural Gas Explosions
- Electrical Fires