



CURRICULUM VITAE

BOBBY GONZALEZ

NAFI-CFEI, IAAI-FIT®

Mr. Gonzalez joined Fire Cause Analysis after a 21-year career in the fire service. Throughout his career with the Oakland, California Fire Department, he held the ranks of Firefighter/Paramedic, Engineer and Lieutenant of Fire. During the last eight years of his career as a Lieutenant, he participated in numerous origin and cause investigations of fires and explosions. In addition to fire suppression activities for commercial and residential structures, vehicles and vegetation, Mr. Gonzalez was also tasked with fire prevention responsibilities to include commercial, industrial and vegetation management inspections.

Mr. Gonzalez holds memberships with the National Association of Fire Investigators, where he holds the Certified Fire and Explosion Investigator (CFEI) certification, the International Association of Arson Investigators, where he holds the Fire Investigation Technician (FIT) certification, as well as a membership with the California Conference of Arson Investigators.

Professional Experience

Fire & Explosion Origin and Cause Investigator , Fire Cause Analysis 2022 to Present

Conducts origin & cause investigations of fires and explosions. Additional specialties include heavy equipment operation and providing expertise as a member of the large loss evidence team tasked with the recovery, documentation and organization of evidence, with extensive participation in such incidents as the Maui, Hawaii fires.

Lieutenant, Oakland, California Fire Department 2010 to 2018

Company Officer responsible for fire house management, crew supervision and incident management. Administrative tasks include incident report writing, organization of commercial and vegetation inspections and Emergency Medical Services (EMS) report compliance.

FIRE INVESTIGATION - FORENSICS - FIRE SCIENCE & ENGINEERING

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Instructor, NorCal Emergency Medical Training 2008 to Present

Certified American Heart Association instructor, qualified to teach Advanced Cardiac Life Support, Pediatric Advanced Life Support and Basic Life Support to healthcare professionals.

Founder, NorCal Emergency Medical Training 2008 to 2019

Founder of NorCal Emergency Medical Training, an American Heart Association (AHA) Training Center that provides core training (CPR, ACLS, PALS and NRP) to EMS and In-Hospital care providers. Community courses for Basic Cardiopulmonary Resuscitation, First Aid and Automated External Defibrillator. Certified AHA Regional Faculty member tasked with compliance oversight in Northern California, as well as Training Center Coordinator.

Engineer, Oakland, California Fire Department 2004 to 2010

Duties as apparatus operator include pump operations, driving, equipment management and maintenance, vegetation and commercial inspection management and assistance with origin and cause fire investigations.

Firefighter Paramedic, Oakland, California Fire Department 1999 to 2004

Responsibilities included fire suppression, emergency medical service, vegetation and commercial inspections, fire prevention and public education.

Firefighter Paramedic, Fairfield, California Fire Department 1997 to 1999

Duties included fire suppression, emergency medical service, vegetation and commercial inspections, fire prevention and public education.

Paramedic (Oakland), American Medical Response 1996 to 2000

Duties included providing basic and advanced life support in a busy 911 system as an ambulance-based paramedic.

Emergency Medical Technician (Oakland), BayStar EMS 1992 to 1996

Responsible for providing basic life support to critical care (CCT) patients requiring inter-facility transport.

Education

Associate of Science / Fire Technology– Sierra College 2024 (in progress)

Professional Licenses

State of California Private Investigator, license # PI11582 AI)

State of California Paramedic, license #P08754

U.S. Coast Guard Captain, license #USA000457712 (expired)

Professional Associations

International Association of Arson Investigators (IAAI) Since 2022

California Conference of Arson Investigators (CCAI) Since 2022

National Association of Fire Investigators (NAFI) Since 2022

Designations and Certifications

Certified Fire & Explosion Investigator, (CFEI) National Association of Fire Investigators
-12/2022

Fire Investigation Technician (FIT), International Association of Arson Investigators – 06/2022

Fire Officer #150-0563 – California State Board of Fire Services, 05/2009

FireFighter I #1996009 – California State Board of Fire Services, 05/2009

FireFighter II #2084841 – California State Board of Fire Services, 05/2009

Professional Development

2025

- CFITrainer.net
 - Commercial Kitchen Fires 1: Fundamentals – 3hrs 01/2025

2024

- California Conference of Arson Investigators – 10/21/2024 - 10/24/2024
 - High Voltage Power Lines & Wildland Fires – 8 hrs
 - New NFPA 921 2024 Edition Updates – 4 hrs
 - Artificial Intelligence – 4 hrs
 - Burn Pattern Recognition – 4hrs
 - Fundamentals of Fire Investigation – 8 hrs
- CFITrainer.net
 - The Deposition Part 1: Format, Content, and Preparation – 3hrs 08/2024

- The Deposition Part 2: Questioning Tactics and Effective Responses – 3hrs 08/2024
- Fundamentals of Residential Building Construction – 3hrs 08/2024
- Fatal Fires: An Introduction – 4hrs 05/2024
- Lithium-ion Battery Fires – 3hrs 05/2024
- Wildland Fires Investigation – 5hrs 04/2024
- Fire Dynamics in the Wildland – 3hrs 04/2024
- NFPA 1033 & 921: 2022/2021 Editions Important Updates – 3hrs 04/2024

2023

- CFITrainer.net
 - Fire Effects Part 1: Heat Effects on Fuels – 3hrs 04/2023
 - Preparation for the Marine Fire Scene – 4hrs 6/2023
 - Physical Evidence at the Fire Scene – 4hrs 12/2023
- Marine Fire Investigation – International Association of Arson Investigators – 32hrs 6/2023

2022

- Fire Investigation 1A – State Fire Marshal’s Office – Fire Origin & Cause – 40hrs 06/2022
- Fire Investigation 1B – State Fire Marshal’s Office – Documentation/Evidence Collection – 32hrs 07/2022
- Fire Investigation 1C – State Fire Marshal’s Office –Legal/Court Proceedings – 40 hrs 08/2022
- CFITrainer.net
 - The Scientific Method for Fire and Explosion Investigation – 3hrs 03/2022
 - Accreditation, Certification, and Certificates – 3hrs 03/2022
 - Basic Electricity – 4hrs 04/2022
 - Documenting the Event – 4hrs 04/2022
 - Ethics and the Fire Investigator – 3hrs 04/2022
 - Fire Flow Analysis – 3hrs 04/2022

- NFPA 1033 and Your Career 2hrs 04/2022
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921 2hrs 04/2022
- Thermometry, Heat, and Heat Transfer – 3hrs 04/2022
- Understanding Fire Through the Candle Experiments – 4hrs 04/2022
- NFPA 921 and 1033 2014 Editions: Important Revisions – 3hrs 05/2022
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case – 4hrs 05/2022
- Introduction to Evidence – 4hrs 05/2022
- Introduction to Appliances – 3hrs 05/2022
- DNA – 3hrs 06/2022
- Evidence Examination: What Happens at the Lab? – 4hrs 06/2022
- Investigating Motor Vehicle Fires – 4hrs 06/2022
- Digital Photography and the Fire Investigator – 4hrs 06/2022
- Explosion Dynamics – 4hrs 07/2022
- Fundamentals of Interviewing – 4hrs 08/2022
- Effective Investigation and Testimony – 3hrs 08/2022

2005

- Fire Instructor 1B – State Fire Marshal’s Office, 01/2005
- Fire Command 1B – State Fire Marshal’s Office, 05/2005
- Fire Prevention 1A – State Fire Marshal’s Office, 05/2005
- Fire Management 1 – State Fire Marshal’s Office, 09/2005

2004

- Fire Prevention 1B – State Fire Marshal’s Office, 10/2004
- Fire Investigation 1A – State Fire Marshal’s Office, 11/2004
- ICS I-300 – State Fire Marshal’s Office, 11/2004
- Fire Instructor 1A – State Fire Marshal’s Office, 12/2004

2002

- Fire Command 1A – State Fire Marshal’s Office, 09/2002